

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090721\
 Data File : VL037543.D
 Acq On : 7 Sep 2021 10:07
 Operator : SY/AP
 Sample : VL0907ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

Quant Time: Sep 08 11:09:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1836242	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	5477647	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	6120767	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3711149	8.53	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	2452737	8.325	ppbv	98
3) Chlorodifluoromethane	2.99	51	3123762	8.884	ppbv	100
4) Chloromethane	3.14	50	1155703	9.198	ppbv	95
5) Vinyl Chloride	3.26	62	1174915	9.127	ppbv	99
6) Bromomethane	3.47	94	672367	9.535	ppbv	91
7) Chloroethane	3.56	64	418688	9.529	ppbv	91
8) Dichlorotetrafluoroethane	3.19	85	2709133	8.907	ppbv	100
9) Propene	3.01	41	1135141	9.023	ppbv	99
10) Heptane	8.12	43	2859149	9.873	ppbv	98
11) Trichlorofluoromethane	3.95	101	2485700	8.988	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1824757	8.992	ppbv	99
13) Ethanol	3.61	45	40232	3.286	ppbv #	1
14) Bromoethene	3.74	108	835043	9.064	ppbv	98
15) Acetone	3.85	43	1450099	7.760	ppbv	99
16) 1,3-Butadiene	3.32	39	1110147	9.261	ppbv	99
17) tert-Butyl alcohol	4.28	59	1559522	9.135	ppbv	99
18) 1,1-Dichloroethene	4.29	96	845769	9.175	ppbv	98
19) Isopropyl Alcohol	3.96	45	930695	8.693	ppbv #	94
20) Methylene Chloride	4.34	84	722671	7.724	ppbv	91
21) Allyl Chloride	4.41	41	1337874	8.814	ppbv	94
22) trans-1,2-Dichloroethene	4.88	96	867273	9.430	ppbv	96
23) Vinyl Acetate	5.07	43	2711307	9.843	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1711540	8.567	ppbv	99
25) Ethyl Acetate	5.67	43	4490980	9.466	ppbv	99
26) Hexane	5.68	57	2112343	9.107	ppbv	99
27) Carbon Disulfide	4.55	76	2087140	10.097	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1852688	8.316	ppbv	99
29) Chloroform	5.75	83	3026403	9.206	ppbv	99
30) Cyclohexane	7.13	84	1816444	9.399	ppbv	100
31) cis-1,2-Dichloroethene	5.55	61	2005437	9.553	ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	2915505	9.027	ppbv	99
34) 2-Butanone	5.24	43	2007429	8.975	ppbv	97
35) Carbon Tetrachloride	7.02	117	3010815	9.301	ppbv	99
36) Benzene	6.89	78	4349354	9.445	ppbv	99
37) 1,2-Dichloroethane	6.30	62	2174785	9.535	ppbv	100
38) Trichloroethene	7.83	130	1736402	9.191	ppbv	96
39) 1,2-Dichloropropane	7.61	63	1657414	9.367	ppbv	97
40) 1,4-Dioxane	7.83	88	400619	9.242	ppbv #	100
41) Tetrahydrofuran	6.04	42	1044366	9.692	ppbv	100
42) Bromodichloromethane	7.79	83	3202098	9.601	ppbv	96
43) Methyl Methacrylate	8.01	69	1590436	9.910	ppbv	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090721\
 Data File : VL037543.D
 Acq On : 7 Sep 2021 10:07
 Operator : SY/AP
 Sample : VL0907ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

Quant Time: Sep 08 11:09:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

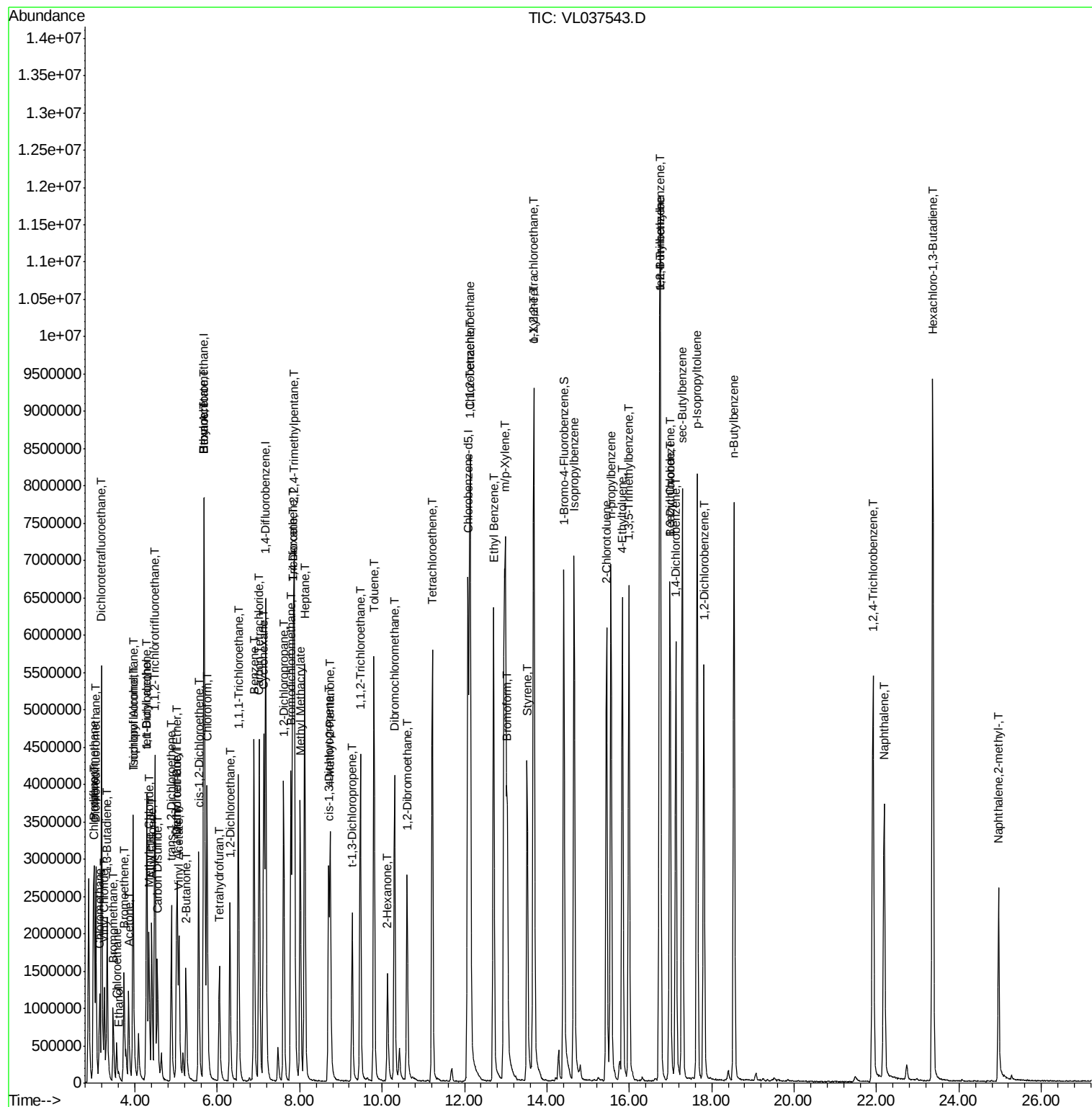
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	7268822	9.379	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1402023	11.604	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1838353	10.908	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	1777889	9.299	ppbv	97
48) Dibromochloromethane	10.30	129	2770618	10.070	ppbv	100
49) Bromoform	13.04	173	2180923	10.056	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2906280	9.959	ppbv	99
51) 2-Hexanone	10.13	43	1351941	10.072	ppbv #	100
52) Tetrachloroethene	11.22	164	1597165	8.464	ppbv	97
53) Toluene	9.80	91	5098684	9.697	ppbv	99
54) 1,2-Dibromoethane	10.61	107	2545686	9.538	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1907685	7.480	ppbv #	57
57) Chlorobenzene	12.14	112	3625760	7.138	ppbv	97
58) Ethyl Benzene	12.71	91	6382405	7.514	ppbv	99
59) m/p-Xylene	12.99	91	5626709	7.641	ppbv #	35
60) o-Xylene	13.69	91	5053739	7.353	ppbv	100
61) Styrene	13.52	104	2803806	7.853	ppbv	99
62) Isopropylbenzene	14.66	105	6912571	7.127	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	3585423	7.019	ppbv	98
64) n-propylbenzene	15.55	120	1868421	7.569	ppbv	94
65) tert-Butylbenzene	16.74	119	6088157	6.892	ppbv	99
66) Benzyl Chloride	16.98	91	421612	10.551	ppbv	96
67) sec-Butylbenzene	17.29	105	8367079	6.779	ppbv	99
69) p-Isopropyltoluene	17.64	119	6979173	6.939	ppbv	100
70) n-Butylbenzene	18.54	91	6807590	7.082	ppbv	100
71) 2-Chlorotoluene	15.45	91	5119852	7.198	ppbv	100
72) 4-Ethyltoluene	15.83	105	6006935	7.348	ppbv	100
73) 1,3,5-Trimethylbenzene	15.99	105	5371540	7.059	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	5516969	6.823	ppbv #	91
75) 1,3-Dichlorobenzene	16.99	146	3371279	6.927	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	3245569	6.619	ppbv	97
77) 1,2-Dichlorobenzene	17.81	146	3211666	6.701	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	2793120	7.009	ppbv	99
79) Naphthalene	22.18	128	5097018	9.419	ppbv	96
80) Naphthalene, 2-methyl-	24.96	142	1658965	11.005	ppbv	93
81) 1,2,4-Trichlorobenzene	21.91	180	2857838	8.416	ppbv	98

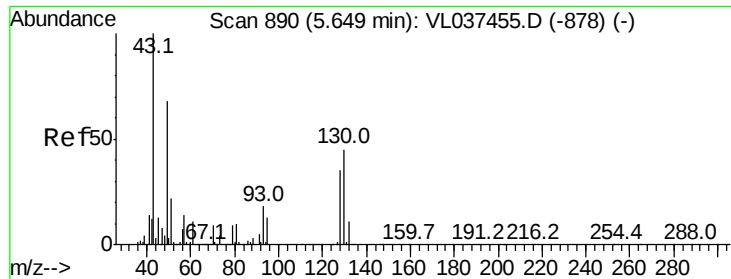
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090721\
Data File : VL037543.D
Acq On : 7 Sep 2021 10:07
Operator : SY/AP
Sample : VL0907ABS01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

Quant Time: Sep 08 11:09:31 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

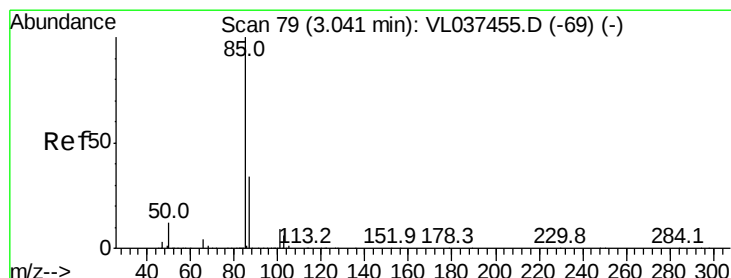
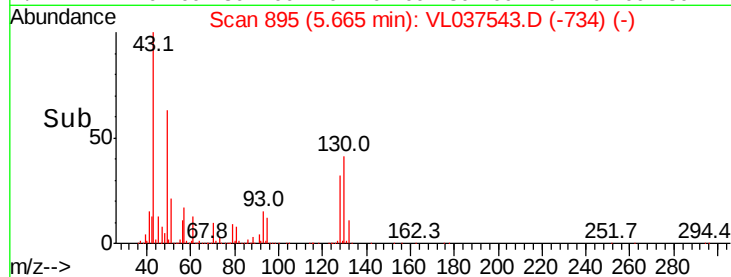
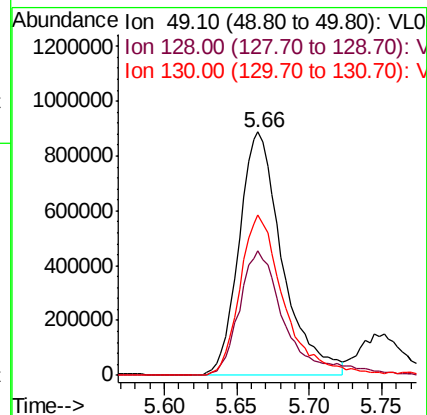
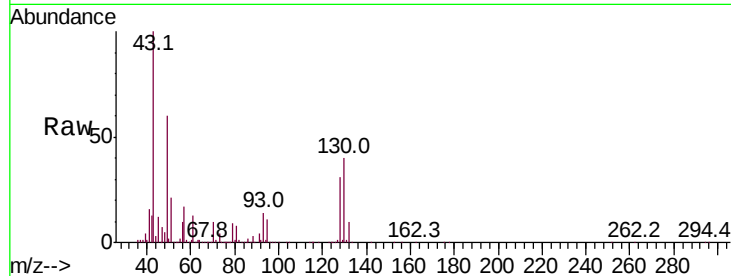
Tot Ion: 49 Resp: 1836242

Ion Ratio Lower Upper

49 100

128 55.2 27.5 82.4

130 68.6 34.0 101.8



#2

Dichlorodifluoromethane

Concen: 8.325 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.01 min

Lab File: VL037543.D

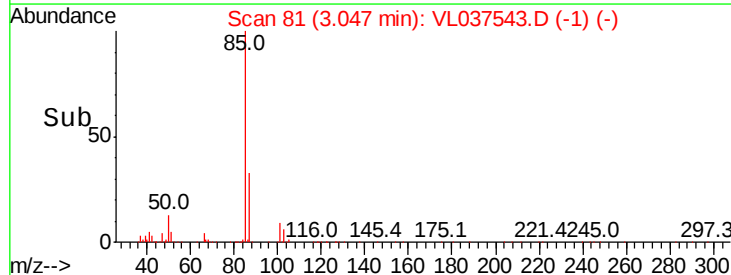
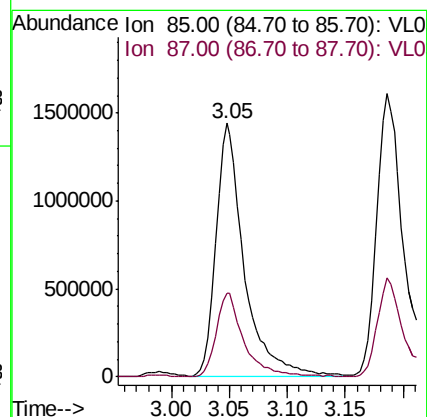
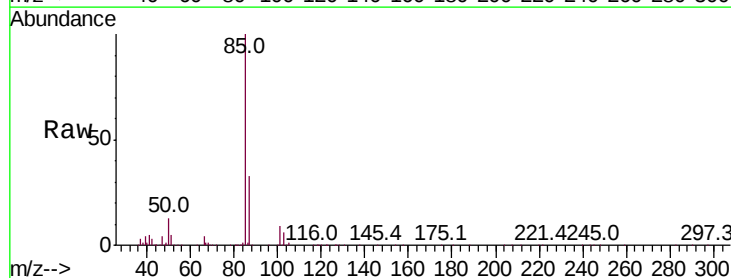
Acq: 7 Sep 2021 10:07

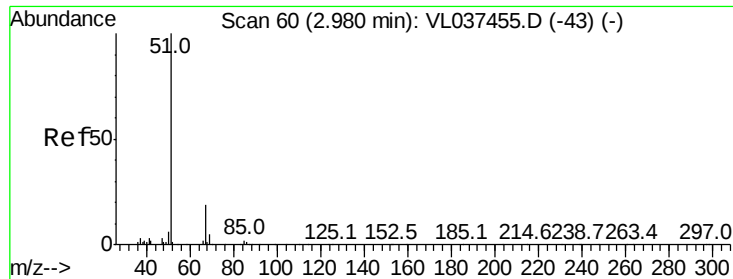
Tgt Ion: 85 Resp: 2452737

Ion Ratio Lower Upper

85 100

87 33.2 27.6 41.4

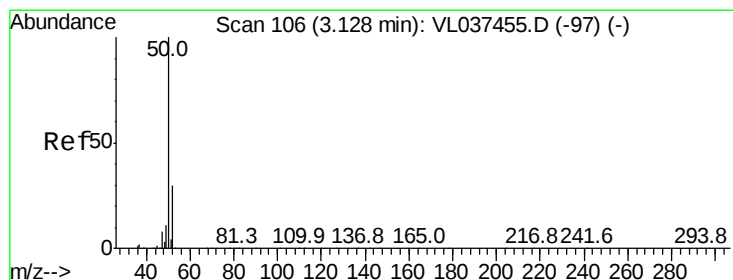
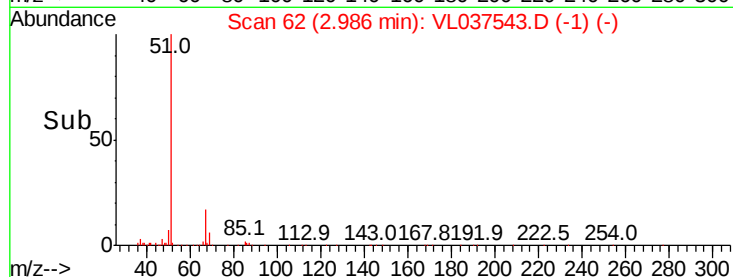
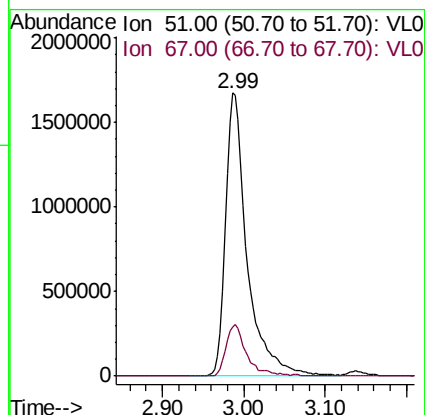
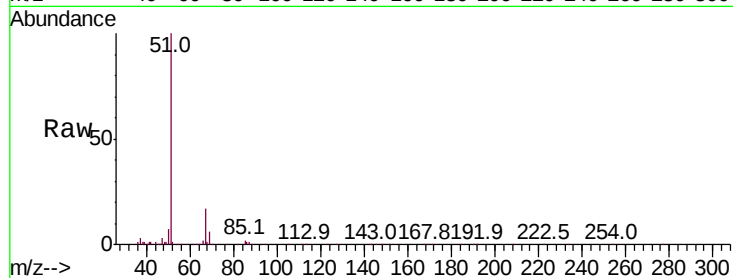




#3
Chlorodifluoromethane
Concen: 8.884 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.01 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

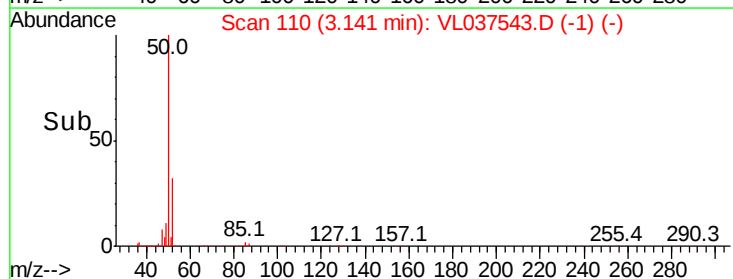
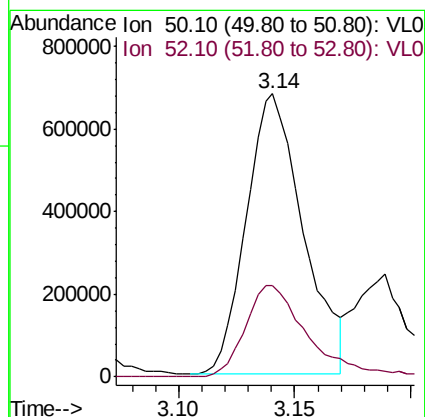
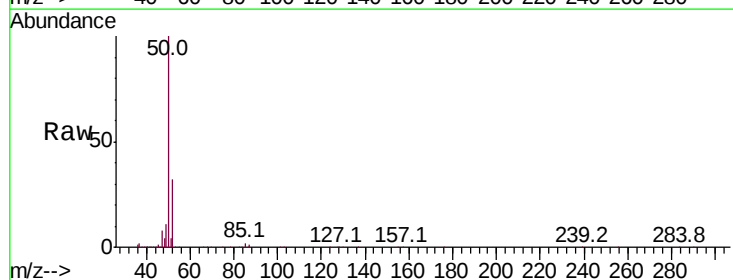
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

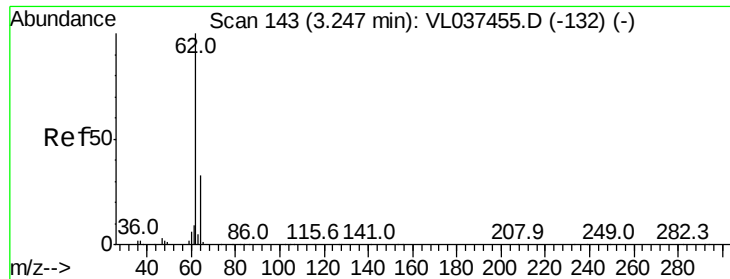
Tot Ion: 51 Resp: 3123762
Ion Ratio Lower Upper
51 100
67 17.8 14.2 21.2



#4
Chloromethane
Concen: 9.198 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.01 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

Tgt Ion: 50 Resp: 1155703
Ion Ratio Lower Upper
50 100
52 32.5 24.0 36.0





#5

Vinyl Chloride

Concen: 9.127 ppbv

RT: 3.26 min Scan# 146

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

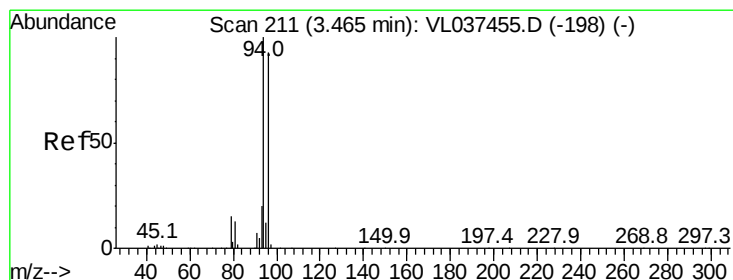
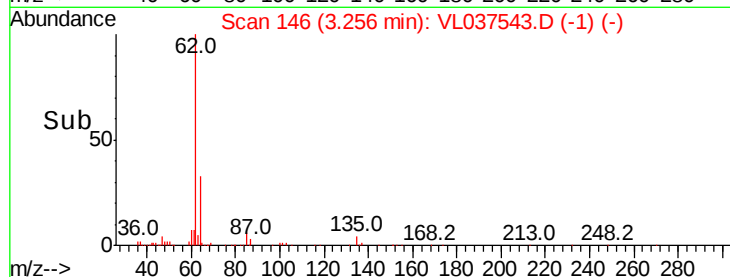
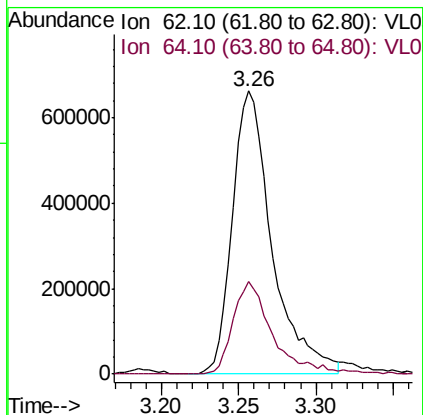
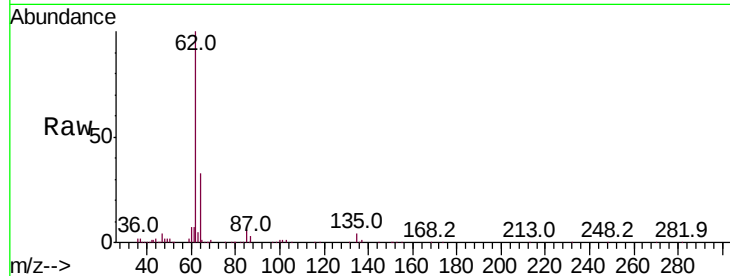
VL0907ABS01

Tot Ion: 62 Resp: 1174915

Ion Ratio Lower Upper

62 100

64 32.5 26.5 39.7



#6

Bromomethane

Concen: 9.535 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.00 min

Lab File: VL037543.D

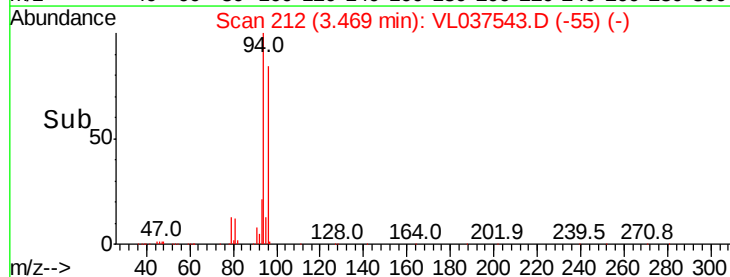
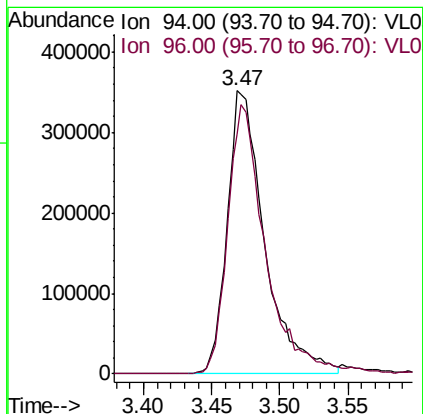
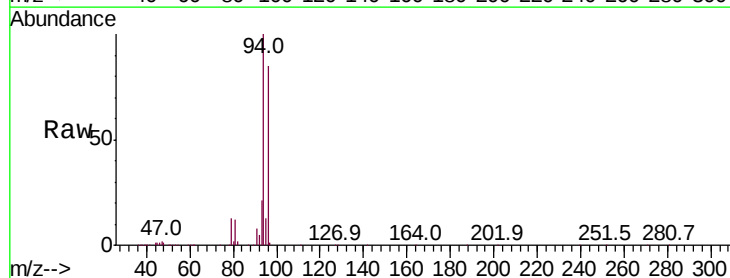
Acq: 7 Sep 2021 10:07

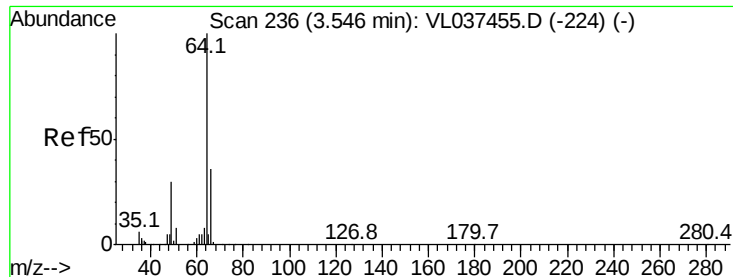
Tgt Ion: 94 Resp: 672367

Ion Ratio Lower Upper

94 100

96 84.5 74.5 111.7





#7

Chloroethane

Concen: 9.529 ppbv

RT: 3.56 min Scan# 239

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

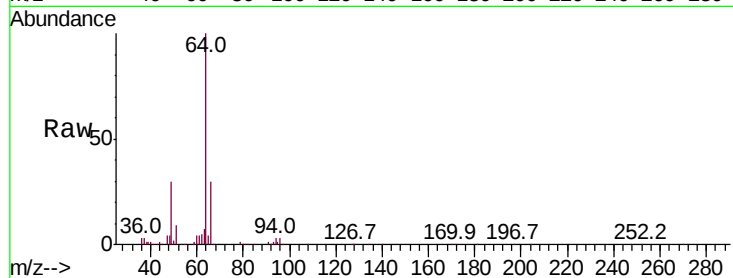
VL0907ABS01

Tot Ion: 64 Resp: 418688

Ion Ratio Lower Upper

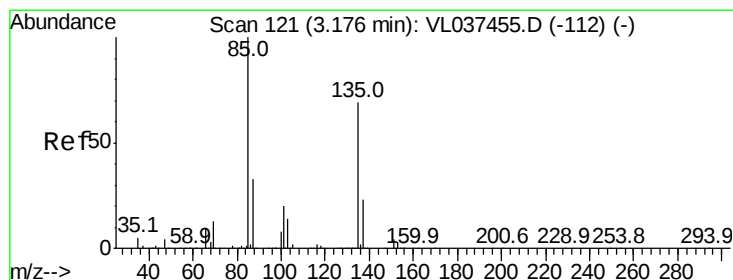
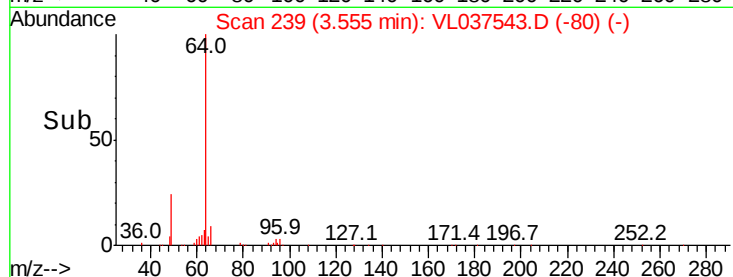
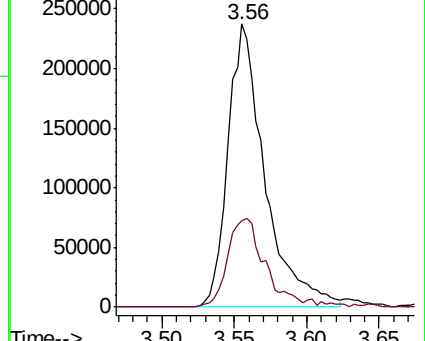
64 100

66 30.4 28.6 43.0



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 8.907 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.01 min

Lab File: VL037543.D

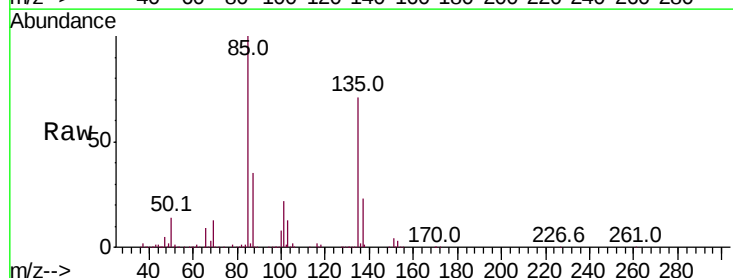
Acq: 7 Sep 2021 10:07

Tgt Ion: 85 Resp: 2709133

Ion Ratio Lower Upper

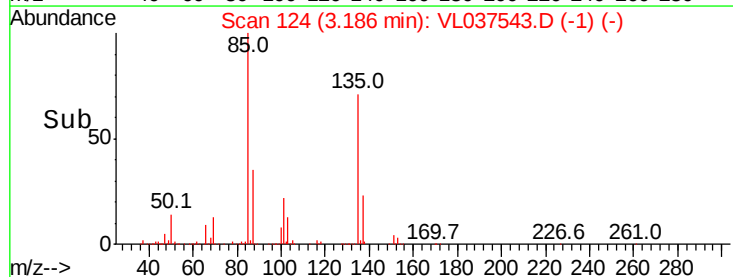
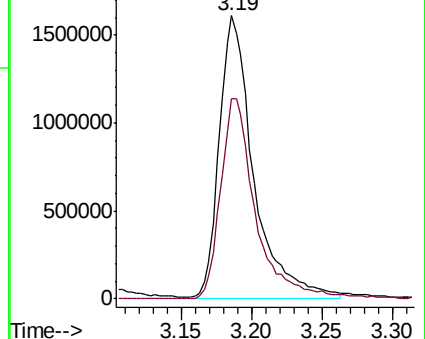
85 100

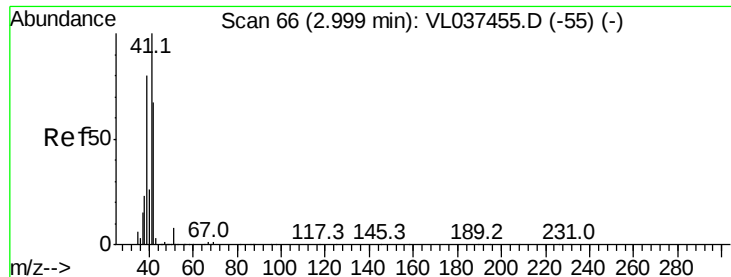
135 73.7 58.8 88.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 9.023 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

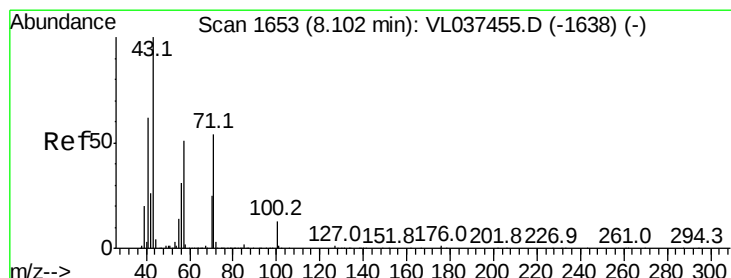
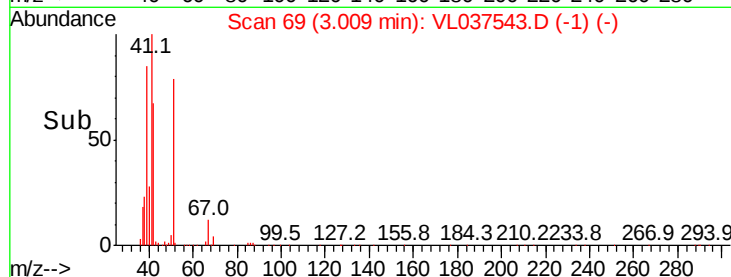
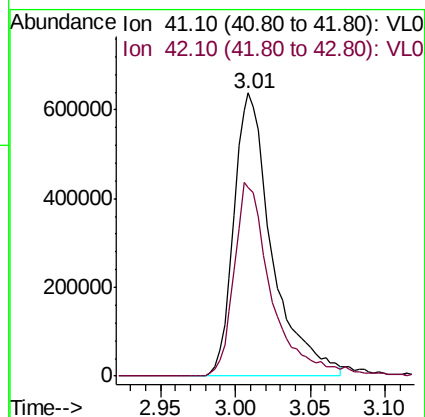
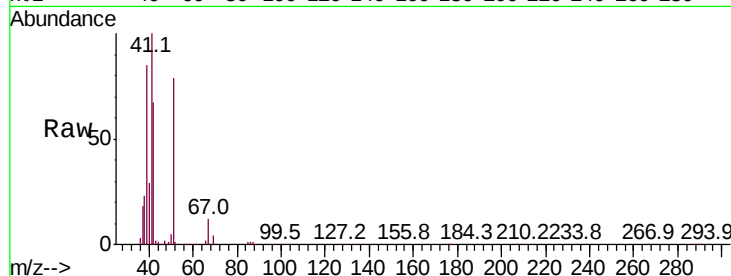
VL0907ABS01

Tot Ion: 41 Resp: 1135141

Ion Ratio Lower Upper

41 100

42 68.0 53.7 80.5



#10

Heptane

Concen: 9.873 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. 0.02 min

Lab File: VL037543.D

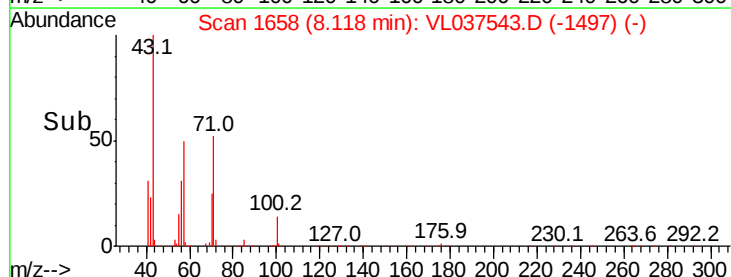
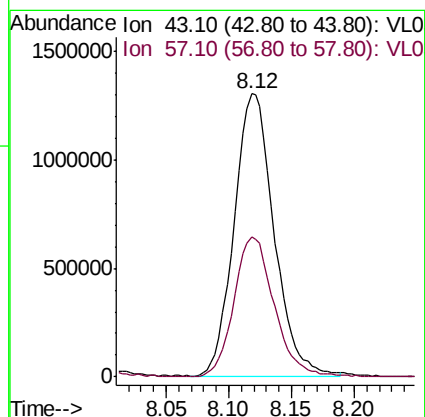
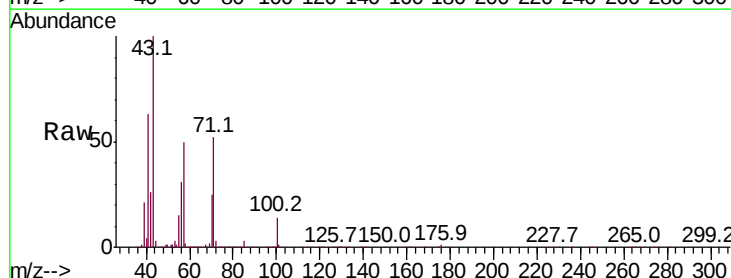
Acq: 7 Sep 2021 10:07

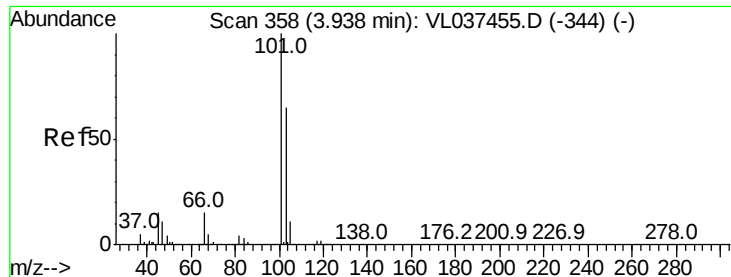
Tgt Ion: 43 Resp: 2859149

Ion Ratio Lower Upper

43 100

57 50.0 41.0 61.6

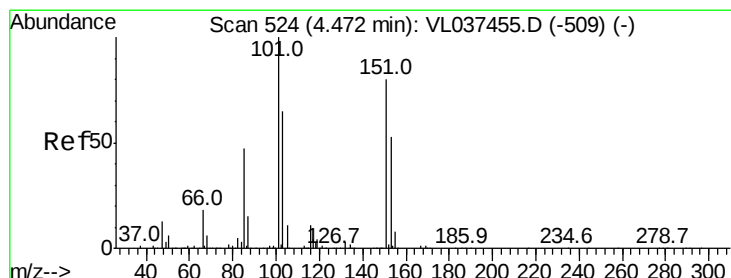
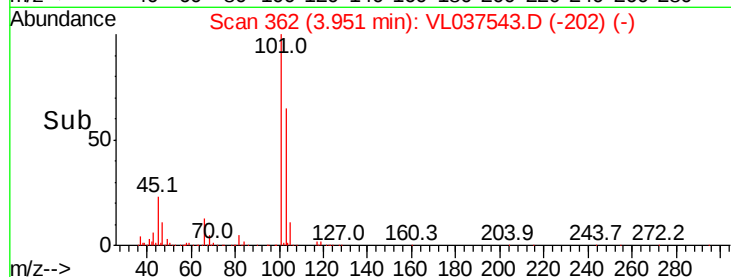
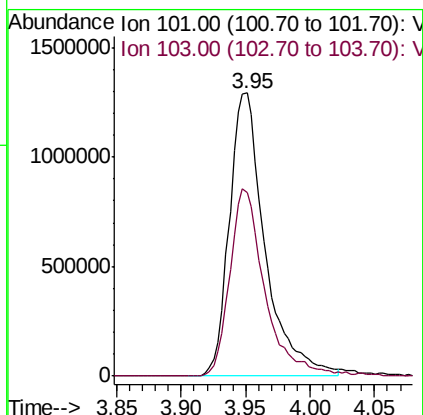
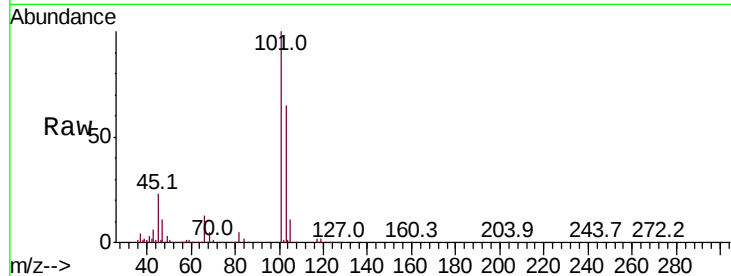




#11
 Trichlorofluoromethane
 Concen: 8.988 ppbv
 RT: 3.95 min Scan# 362
 Delta R.T. 0.01 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

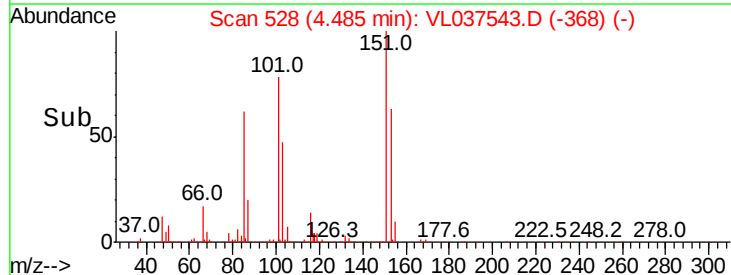
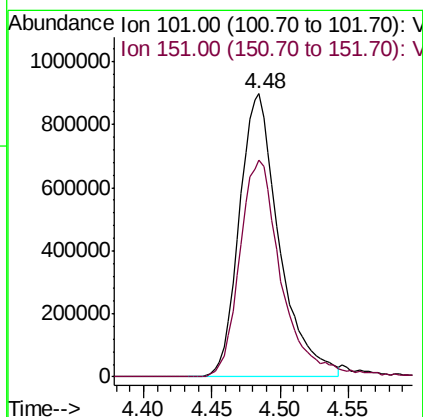
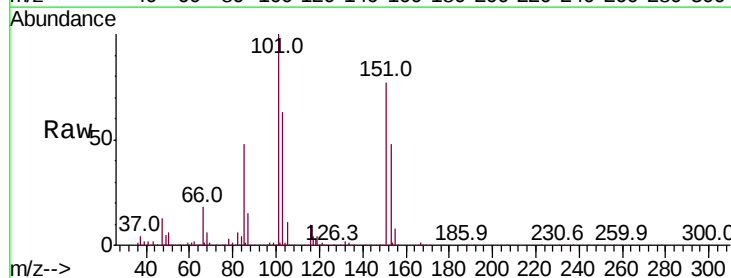
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

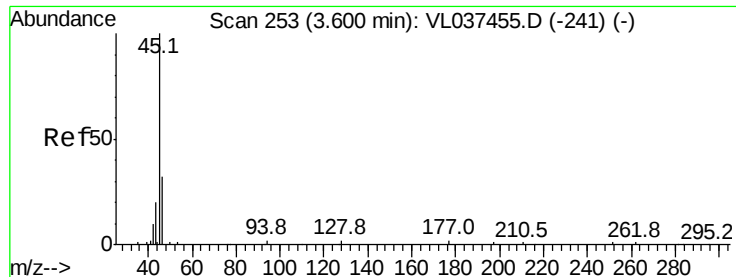
Tot Ion:101 Resp: 2485700
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.8 77.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.992 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Tgt Ion:101 Resp: 1824757
 Ion Ratio Lower Upper
 101 100
 151 80.9 63.7 95.5

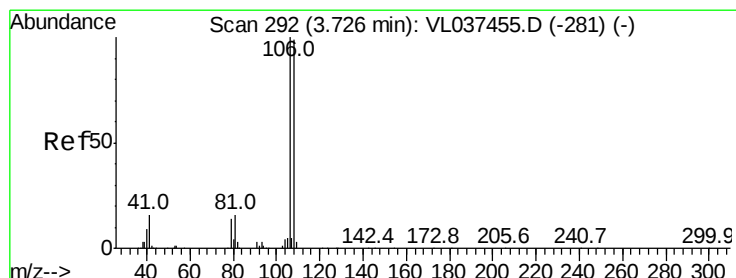
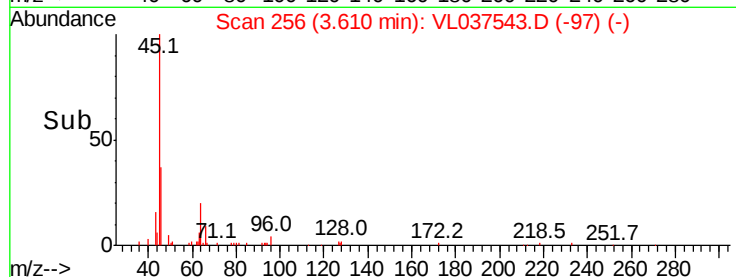
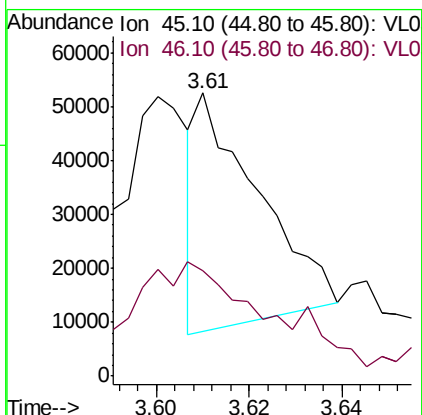
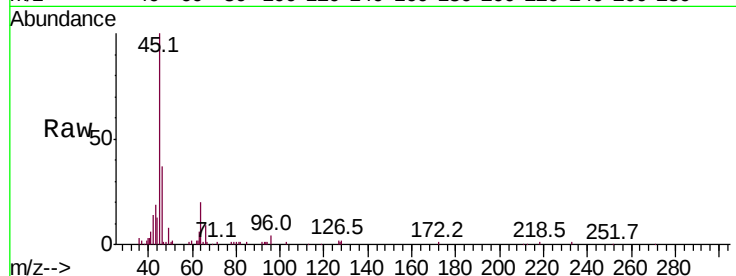




#13
Ethanol
Concen: 3.286 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.01 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

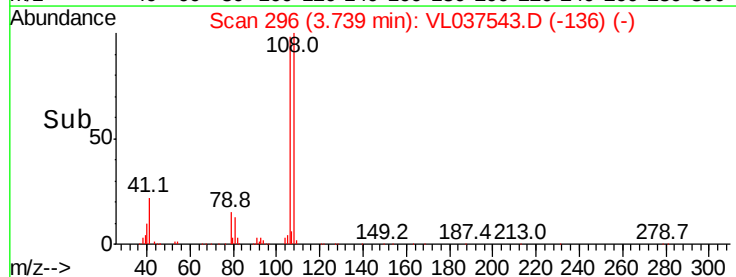
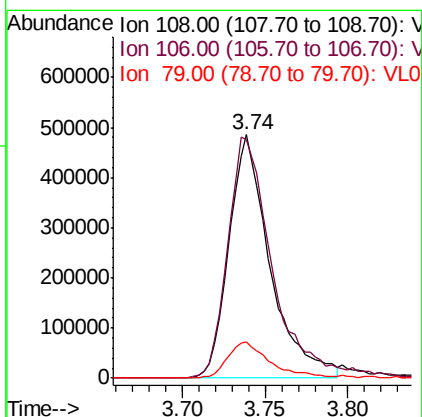
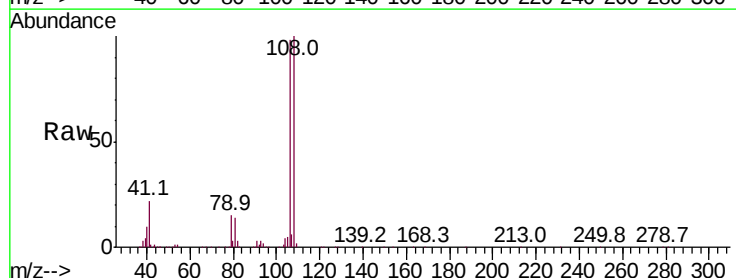
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

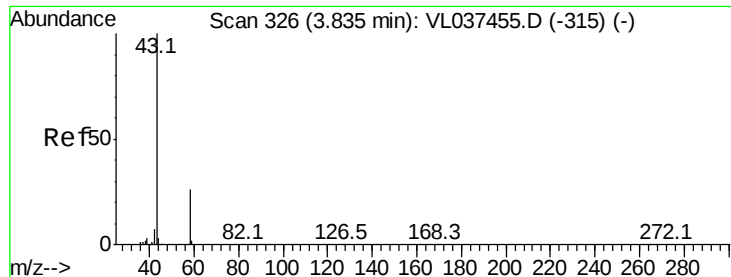
Tot Ion: 45 Resp: 40232
Ion Ratio Lower Upper
45 100
46 138.3 14.1 56.5#



#14
Bromoethene
Concen: 9.064 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.01 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

Tgt Ion: 108 Resp: 835043
Ion Ratio Lower Upper
108 100
106 110.0 85.8 128.8
79 16.4 12.6 18.8





#15

Acetone

Concen: 7.760 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

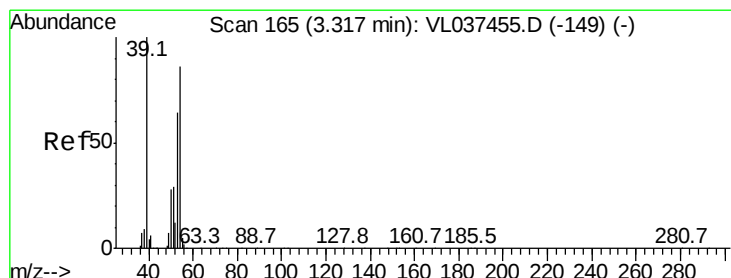
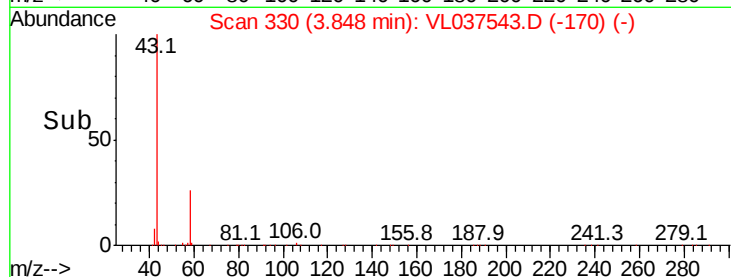
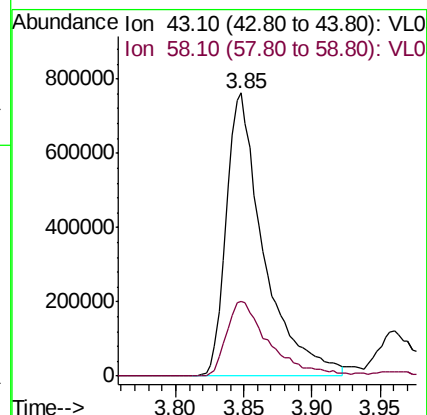
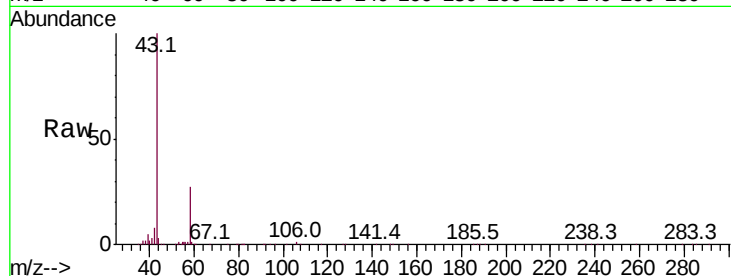
VL0907ABS01

Tot Ion: 43 Resp: 1450099

Ion Ratio Lower Upper

43 100

58 30.6 24.8 37.2



#16

1,3-Butadiene

Concen: 9.261 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.01 min

Lab File: VL037543.D

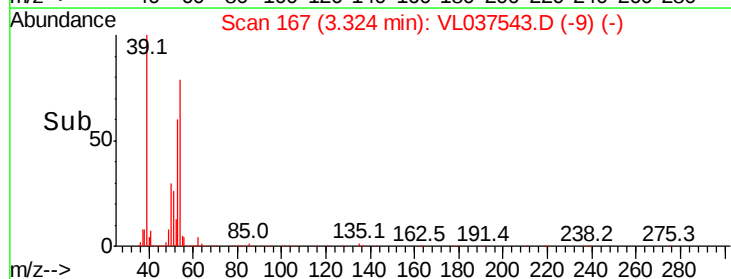
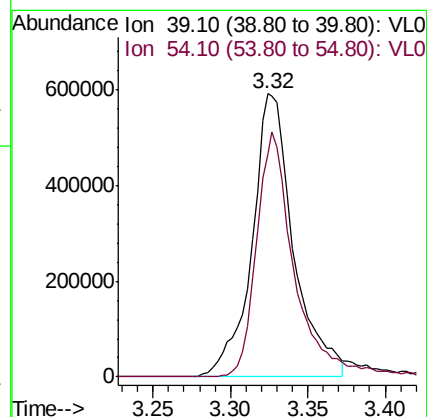
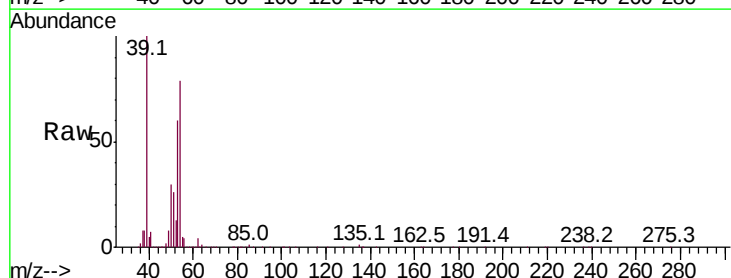
Acq: 7 Sep 2021 10:07

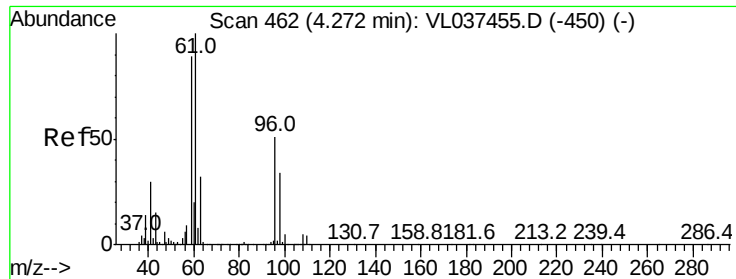
Tgt Ion: 39 Resp: 1110147

Ion Ratio Lower Upper

39 100

54 80.3 63.7 95.5



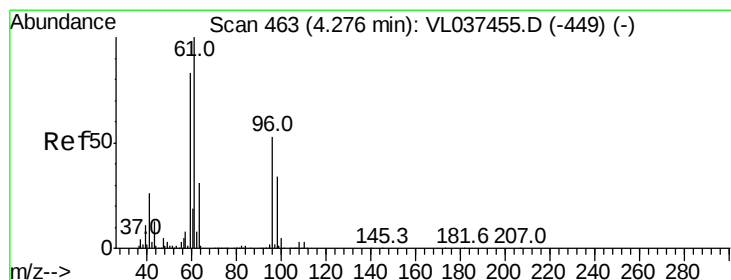
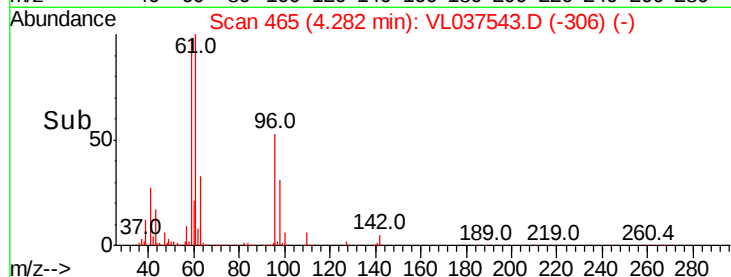
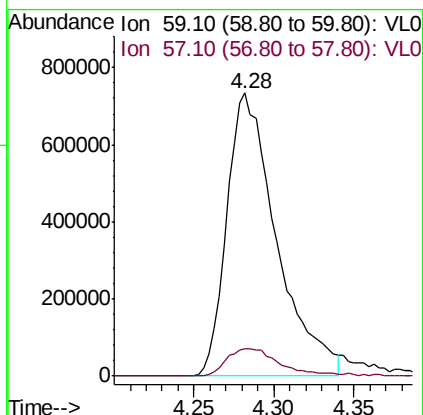
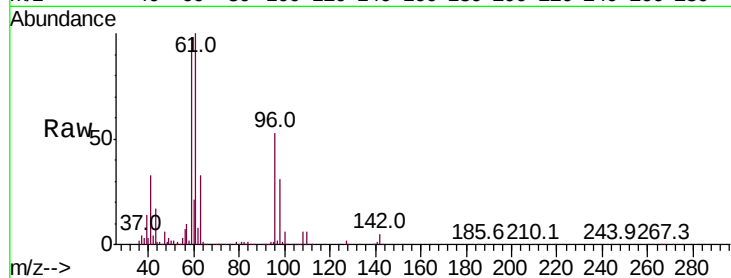


#17

tert-Butyl alcohol
Concen: 9.135 ppbv
RT: 4.28 min Scan# 465
Delta R.T. 0.01 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

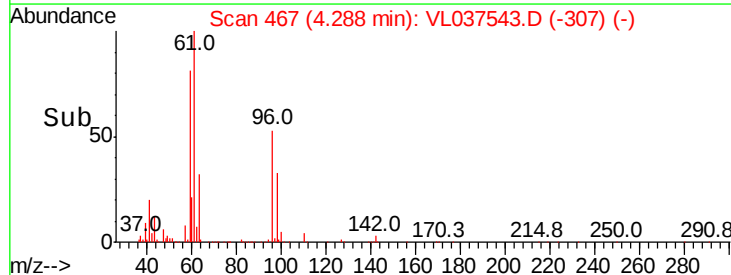
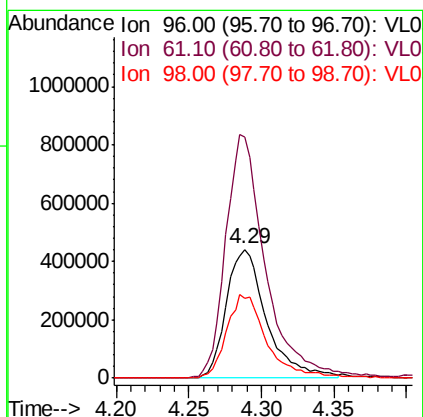
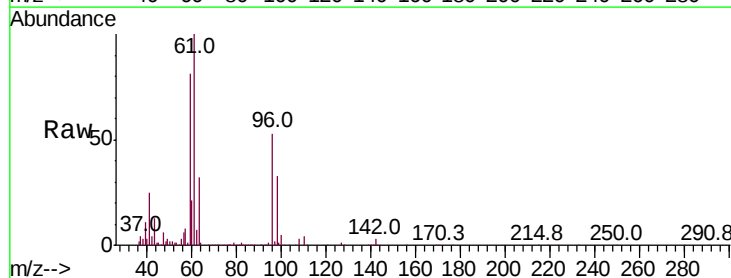
Tot Ion: 59 Resp: 1559522
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

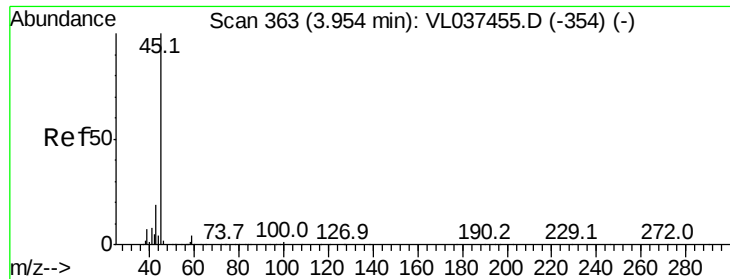


#18

1,1-Dichloroethene
Concen: 9.175 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

Tgt Ion: 96 Resp: 845769
Ion Ratio Lower Upper
96 100
61 187.2 151.1 226.7
98 62.5 51.8 77.8





#19

Isopropyl Alcohol

Concen: 8.693 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

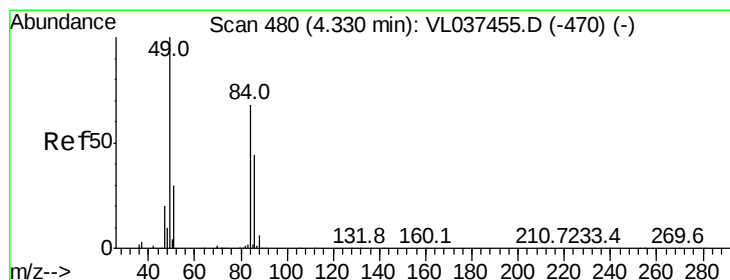
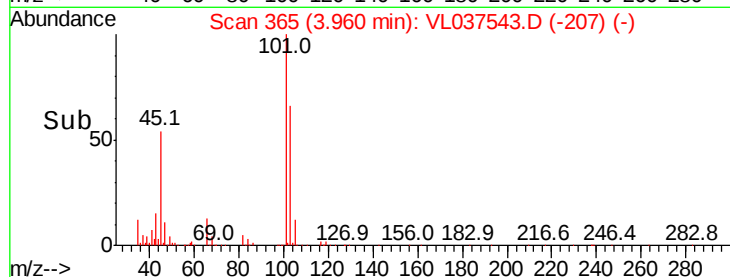
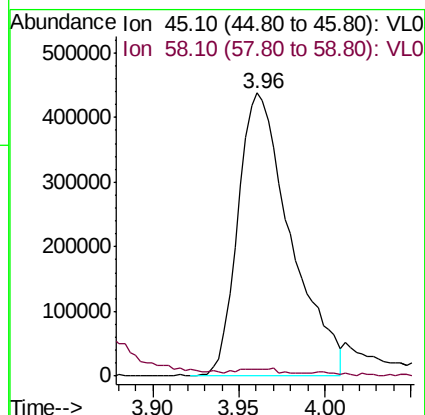
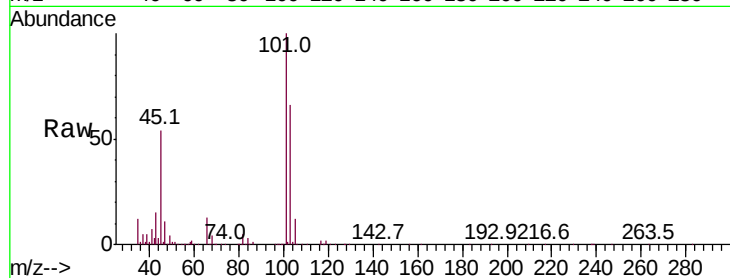
VL0907ABS01

Tot Ion: 45 Resp: 930695

Ion Ratio Lower Upper

45 100

58 4.0 1.4 2.2#



#20

Methylene Chloride

Concen: 7.724 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Tgt Ion: 84 Resp: 722671

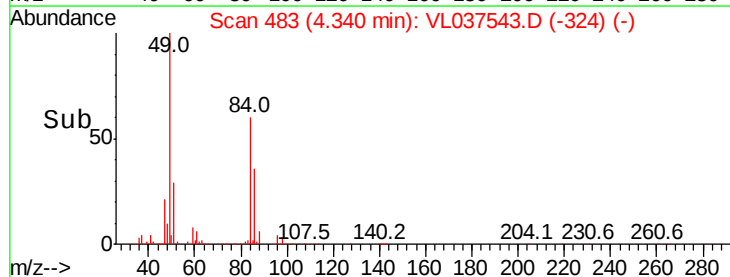
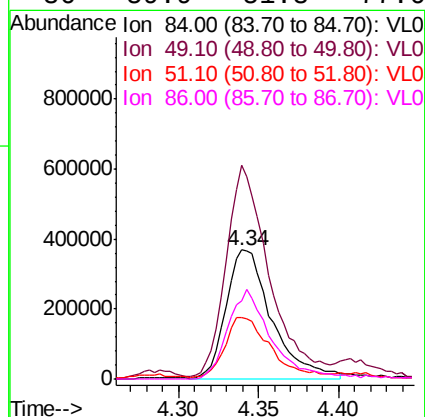
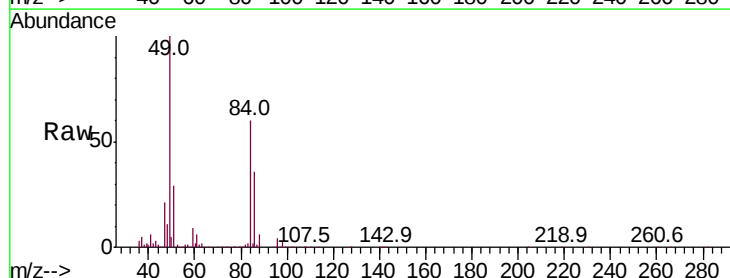
Ion Ratio Lower Upper

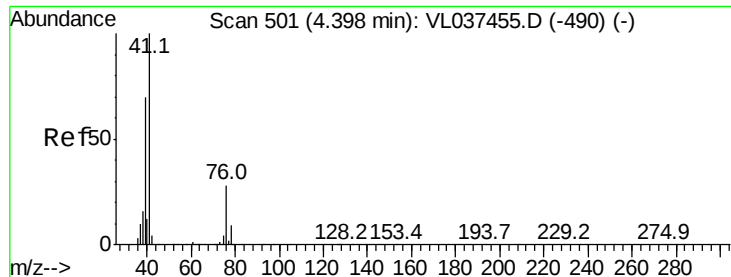
84 100

49 163.8 118.2 177.2

51 46.5 36.6 55.0

86 59.9 51.8 77.6





#21

Allvl Chloride

Concen: 8.814 ppbv

RT: 4.41 min Scan# 505

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

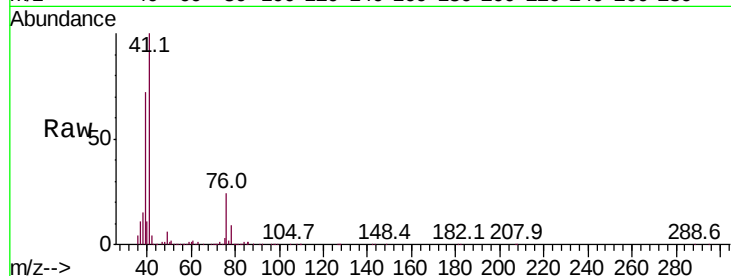
Tot Ion: 41 Resp: 1337874

Ion Ratio Lower Upper

41 100

76 29.1 21.8 32.6

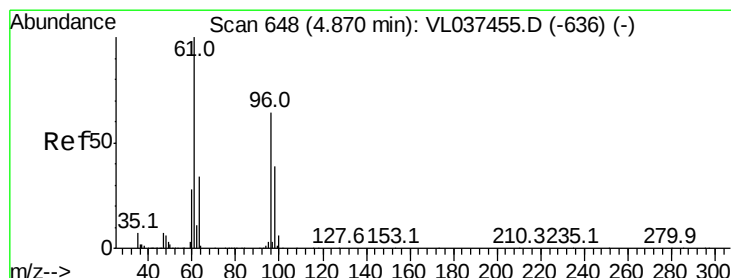
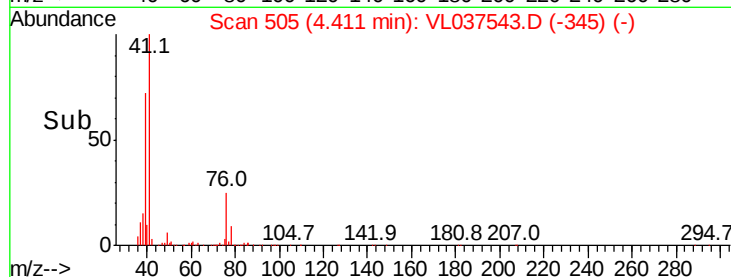
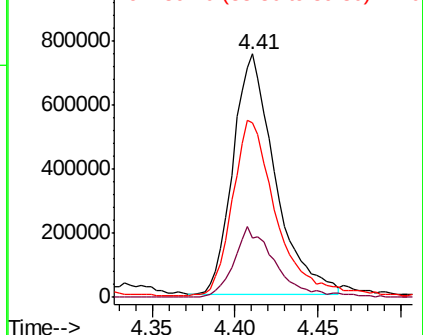
39 76.9 56.8 85.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 9.430 ppbv

RT: 4.88 min Scan# 652

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

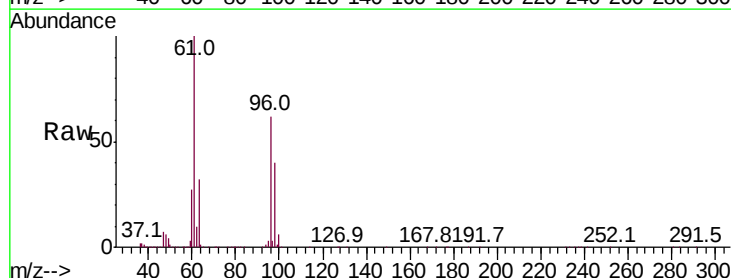
Tgt Ion: 96 Resp: 867273

Ion Ratio Lower Upper

96 100

61 161.9 125.5 188.3

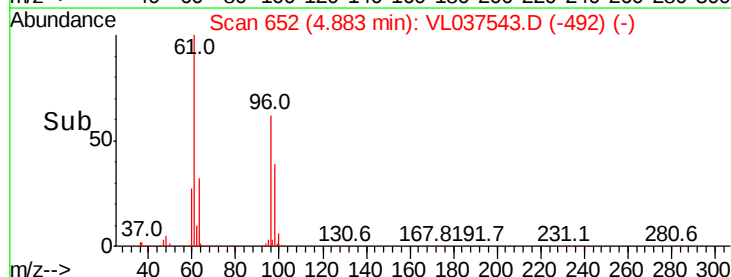
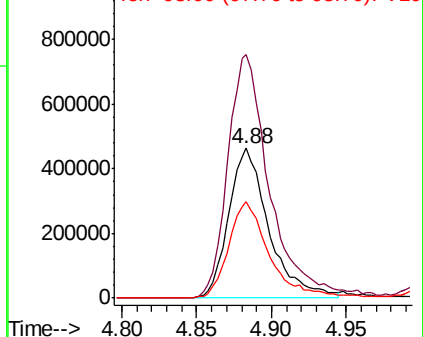
98 64.5 49.0 73.4

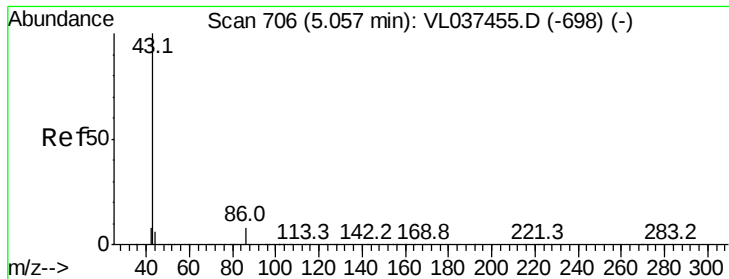


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



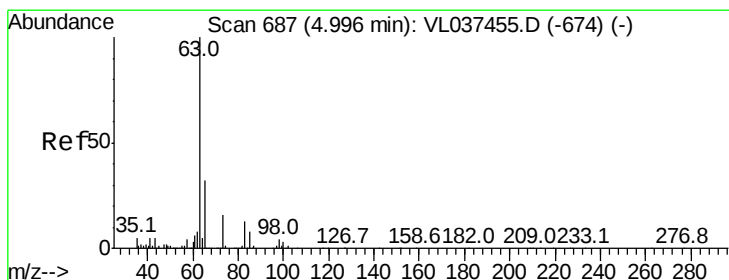
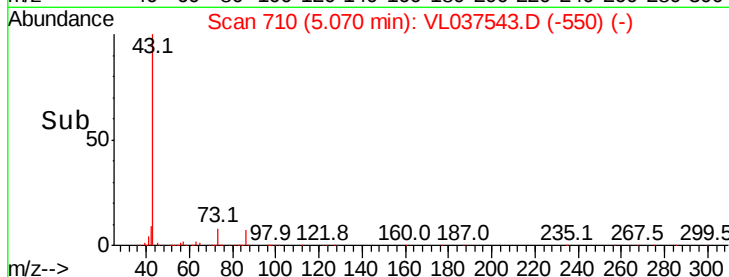
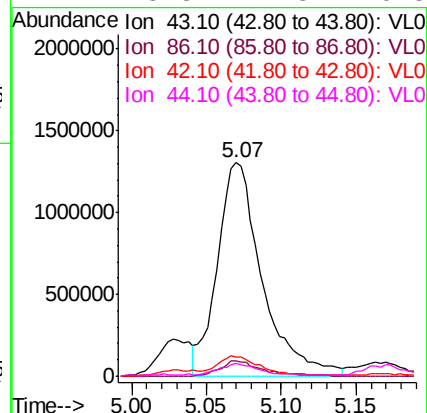
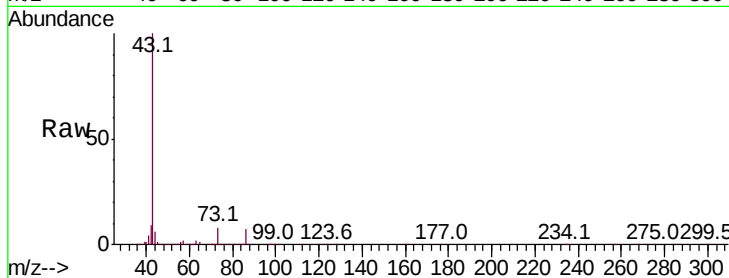


#23
 Vinyl Acetate
 Concen: 9.843 ppbv
 RT: 5.07 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

Tot Ion: 43 Resp: 2711307

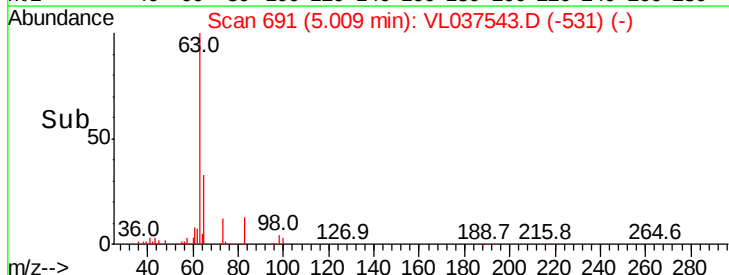
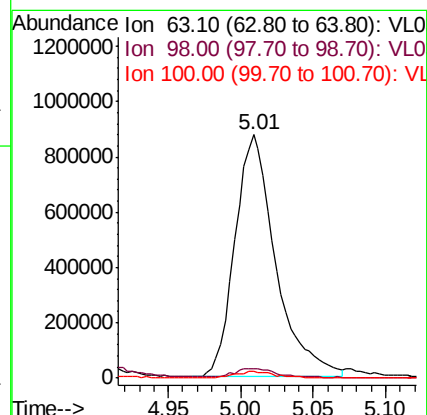
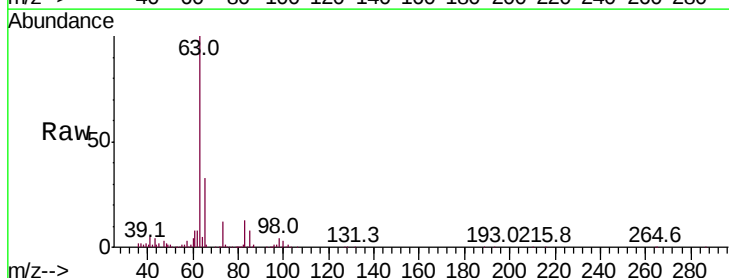
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.7	8.5
42	8.6	7.4	11.2
44	5.3	4.3	6.5

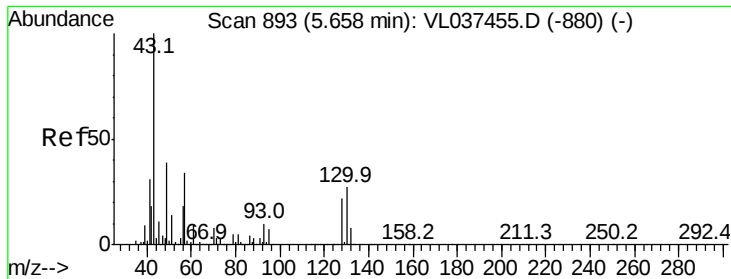


#24
 1,1-Dichloroethane
 Concen: 8.567 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Tgt Ion: 63 Resp: 1711540

Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.1	6.3
100	2.9	1.6	4.7





#25

Ethyl Acetate

Concen: 9.466 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

Tot Ion: 43 Resp: 4490980

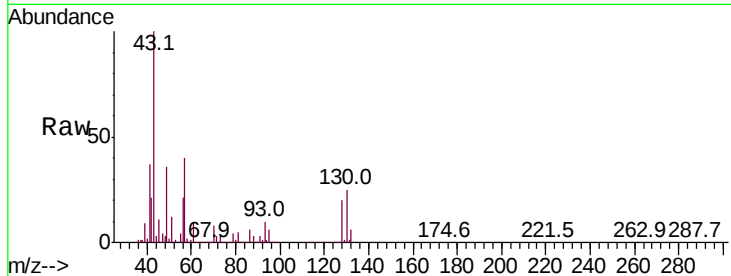
Ion Ratio Lower Upper

43 100

45 9.7 8.0 12.0

61 9.7 8.0 12.0

70 7.3 5.6 8.4

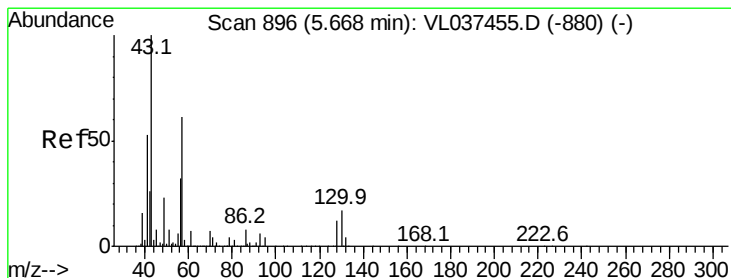
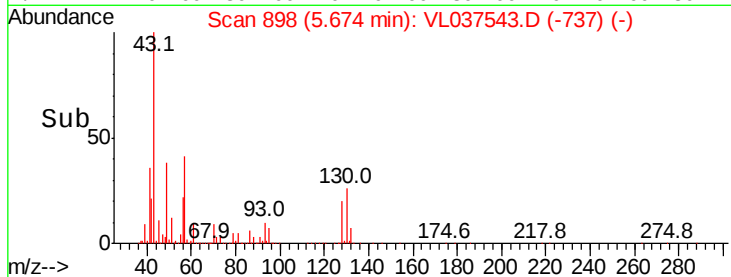
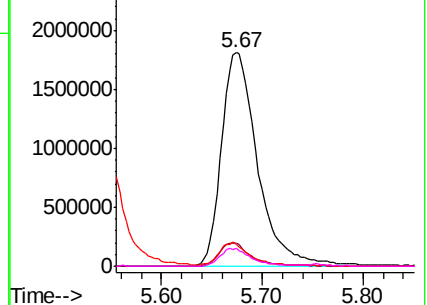


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 9.107 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Tgt Ion: 57 Resp: 2112343

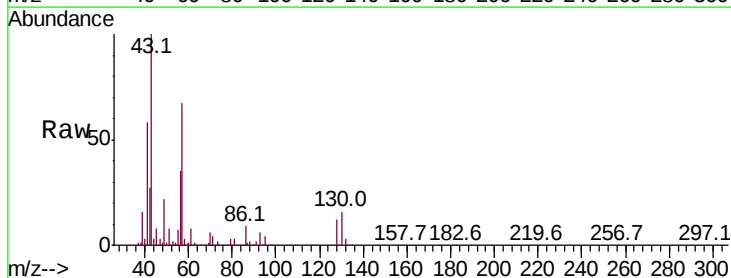
Ion Ratio Lower Upper

57 100

41 89.4 72.3 108.5

43 214.3 172.3 258.5

56 53.3 42.8 64.2

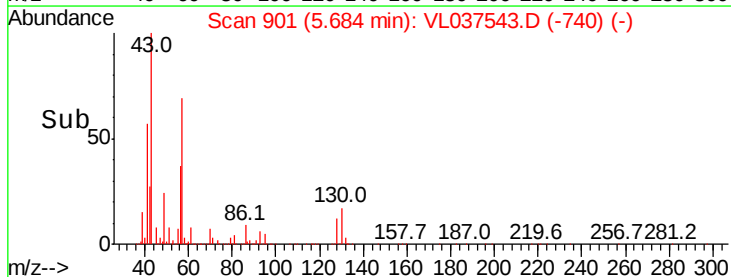
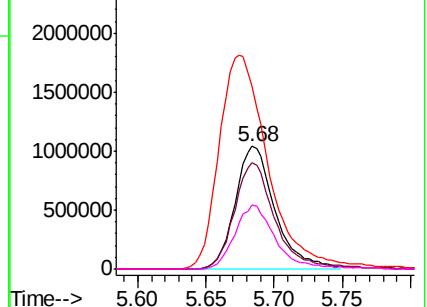


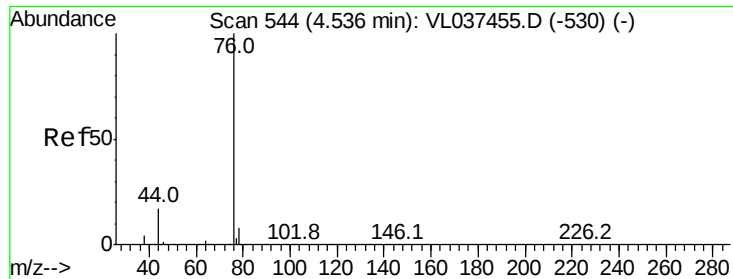
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.097 ppbv

RT: 4.55 min Scan# 547

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

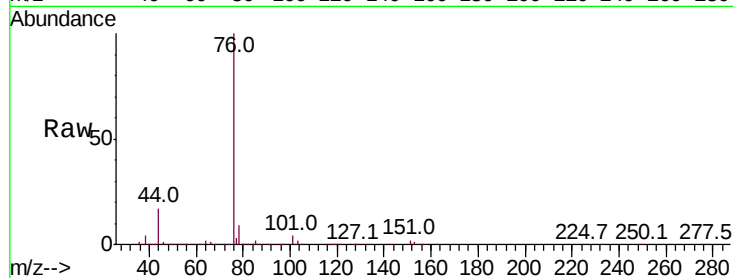
Tot Ion: 76 Resp: 2087140

Ion Ratio Lower Upper

76 100

44 17.1 13.9 20.9

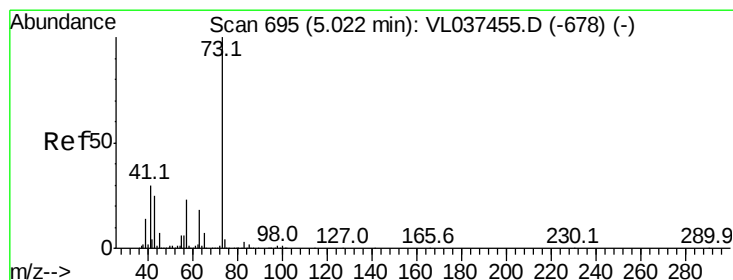
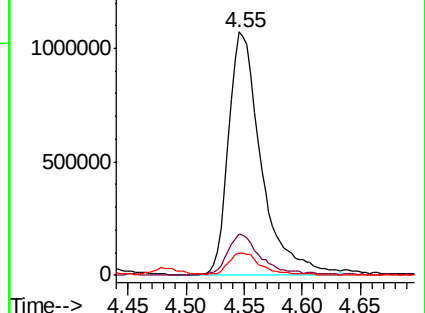
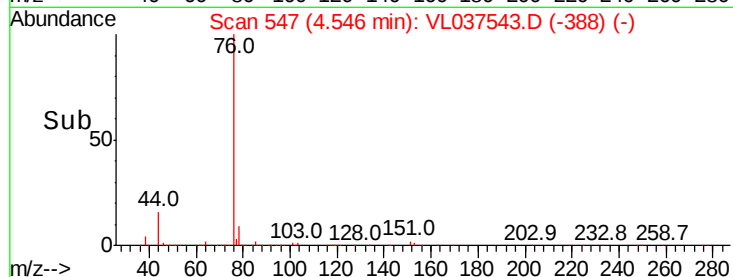
78 9.9 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 8.316 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.01 min

Lab File: VL037543.D

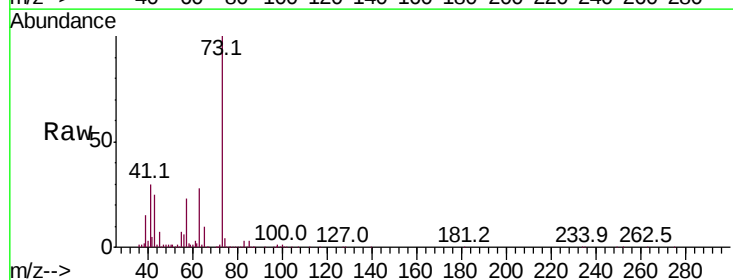
Acq: 7 Sep 2021 10:07

Tgt Ion: 73 Resp: 1852688

Ion Ratio Lower Upper

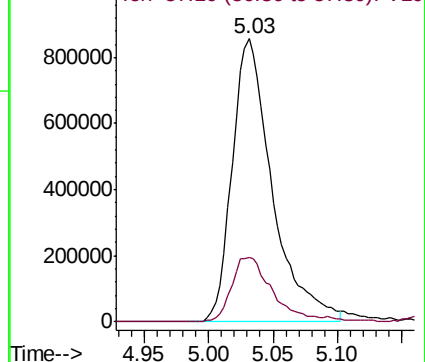
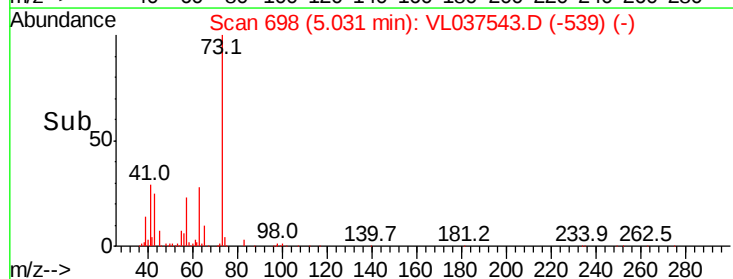
73 100

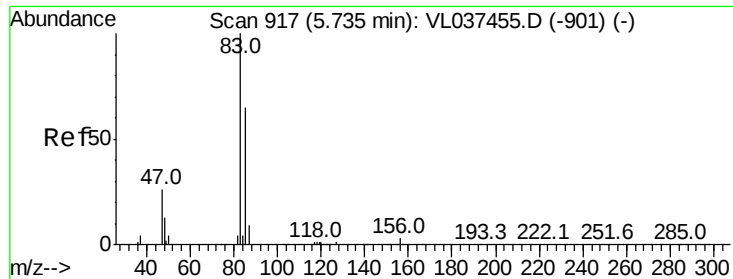
57 24.0 19.4 29.2



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

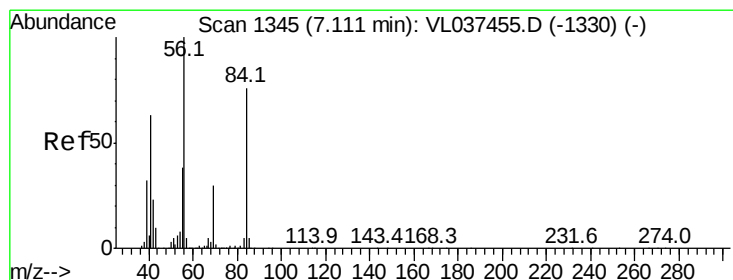
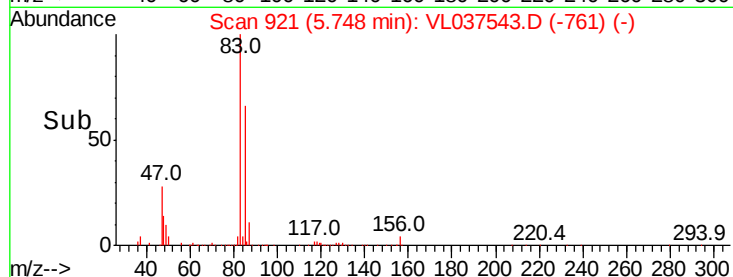
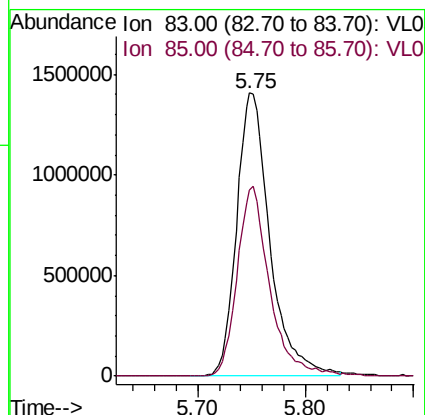
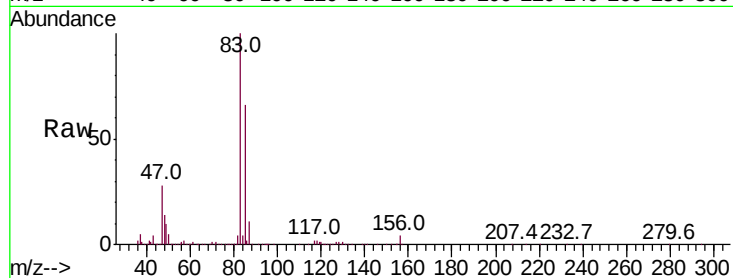




#29
Chloroform
Concen: 9.206 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.01 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

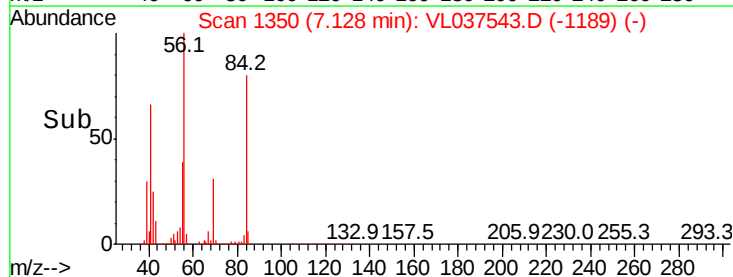
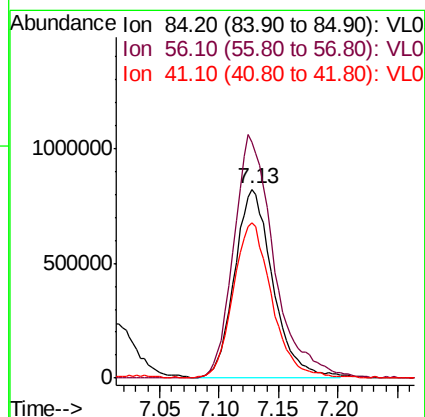
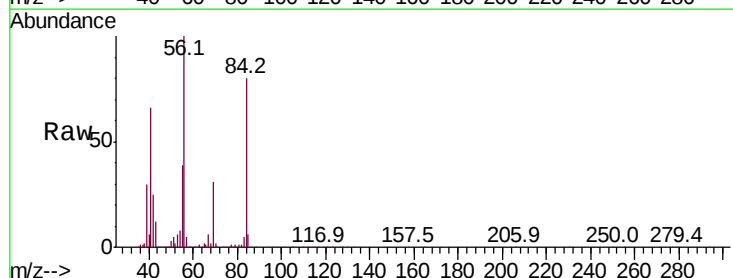
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

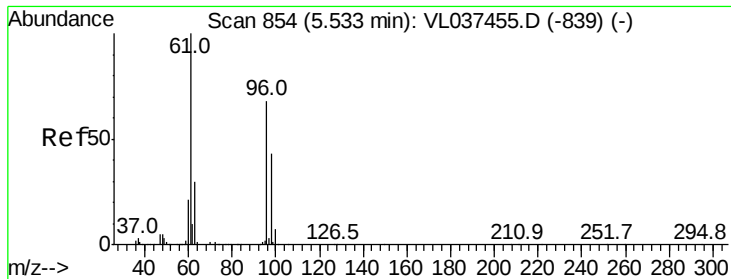
Tot Ion: 83 Resp: 3026403
Ion Ratio Lower Upper
83 100
85 65.9 52.3 78.5



#30
Cyclohexane
Concen: 9.399 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.02 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

Tgt Ion: 84 Resp: 1816444
Ion Ratio Lower Upper
84 100
56 137.9 110.6 165.8
41 83.9 67.0 100.6





#31

cis-1,2-Dichloroethene

Concen: 9.553 ppbv

RT: 5.55 min Scan# 858

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

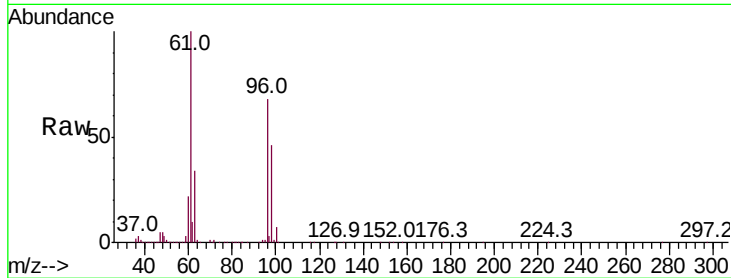
Tot Ion: 61 Resp: 2005437

Ion Ratio Lower Upper

61 100

96 68.4 54.8 82.2

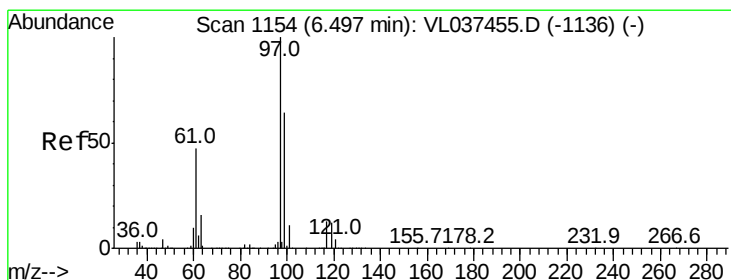
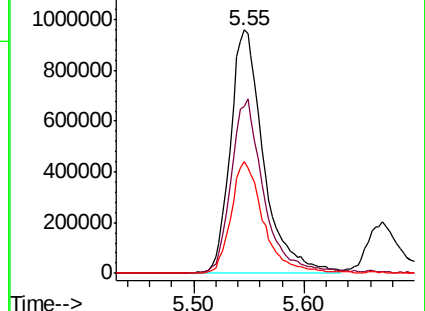
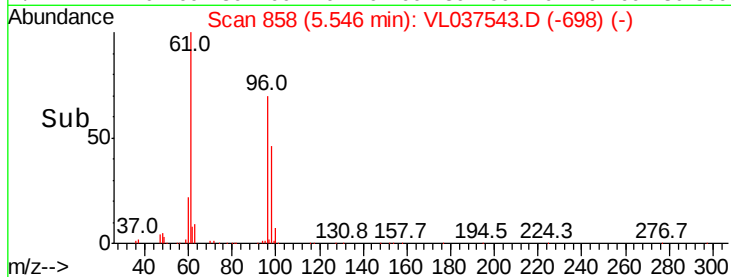
98 45.8 34.2 51.2



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.027 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

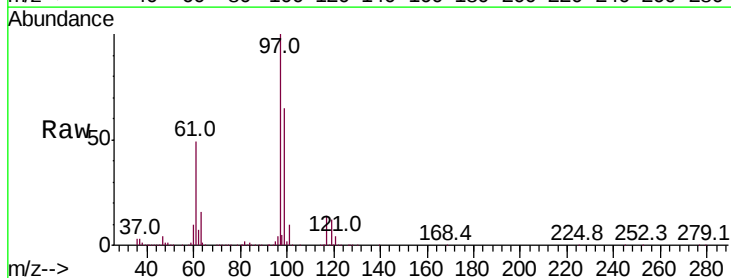
Tgt Ion: 97 Resp: 2915505

Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.6

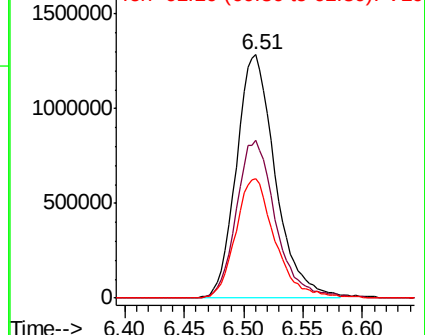
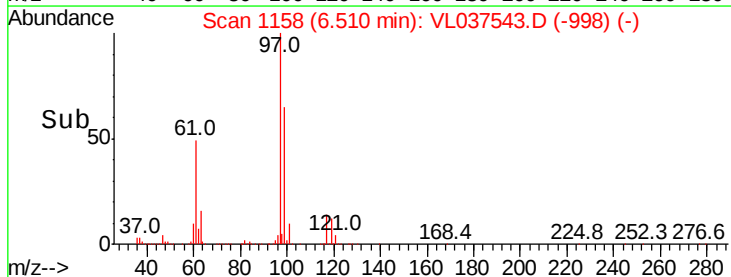
61 49.8 39.6 59.4

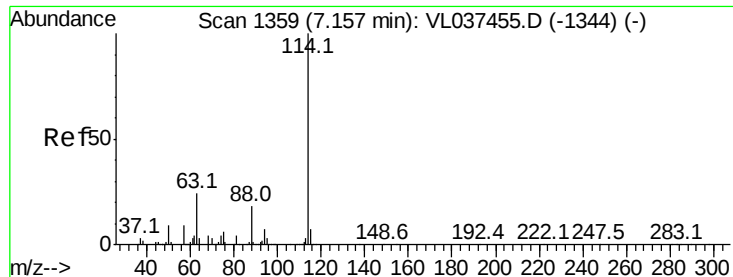


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. 0.02 min

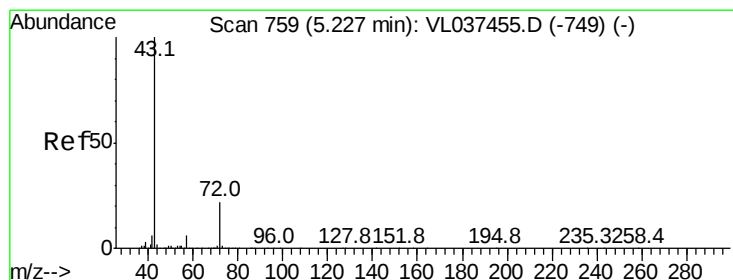
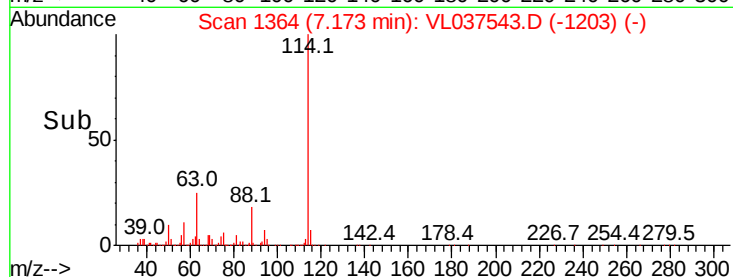
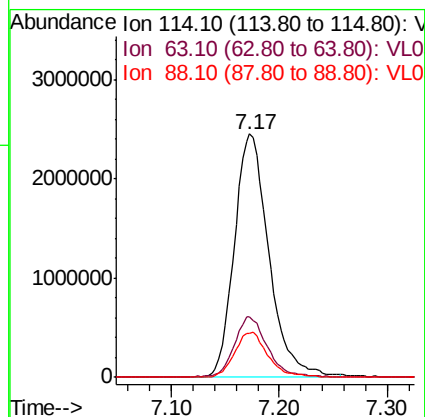
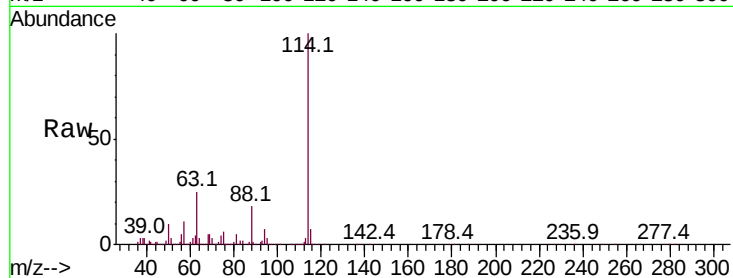
Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

Tot Ion:114 Resp: 5477647

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.3	28.9
88	18.0	14.2	21.4



#34

2-Butanone

Concen: 8.975 ppbv

RT: 5.24 min Scan# 764

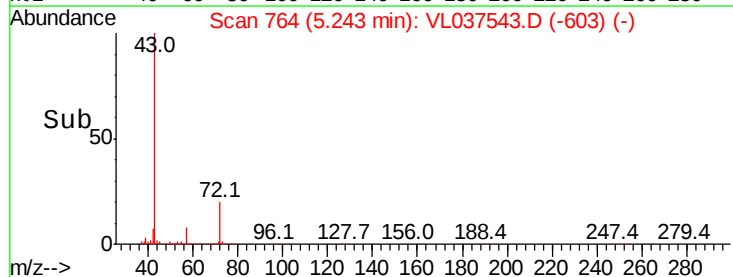
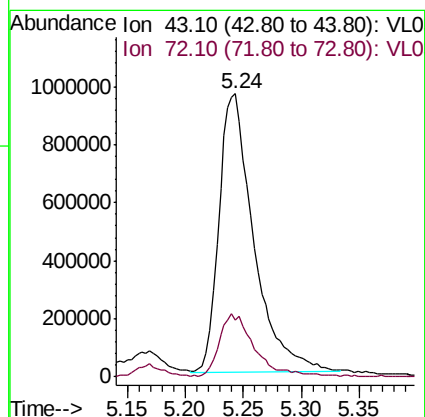
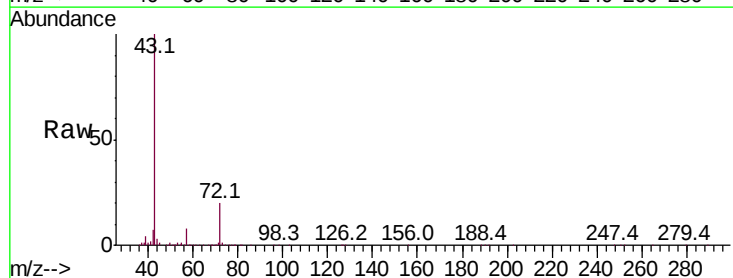
Delta R.T. 0.02 min

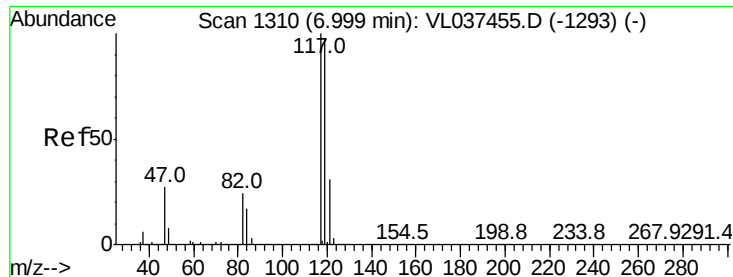
Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Tgt Ion: 43 Resp: 2007429

Ion	Ratio	Lower	Upper
43	100		
72	23.2	17.4	26.0





#35

Carbon Tetrachloride

Concen: 9.301 ppbv

RT: 7.02 min Scan# 1315

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

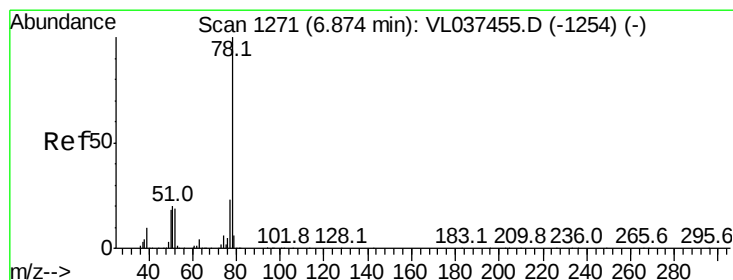
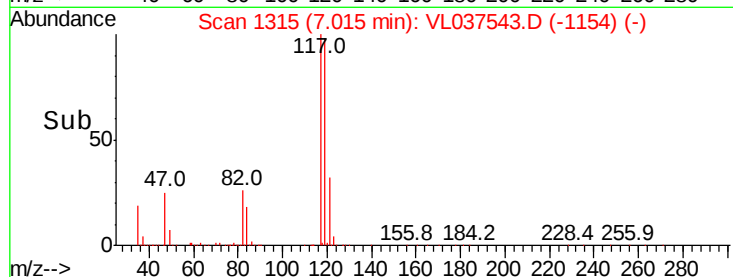
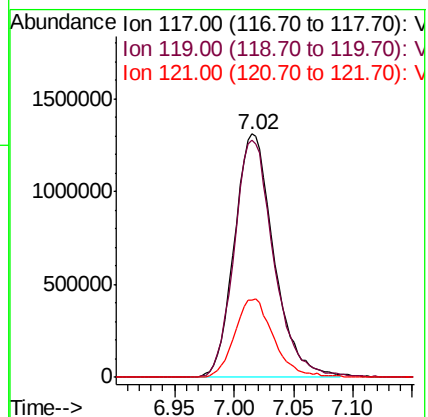
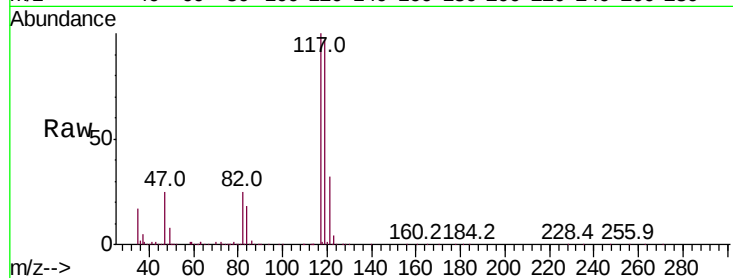
Tot Ion:117 Resp: 3010815

Ion Ratio Lower Upper

117 100

119 97.5 77.3 115.9

121 31.7 25.2 37.8



#36

Benzene

Concen: 9.445 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

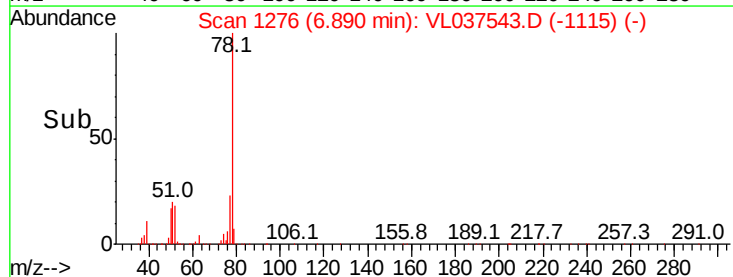
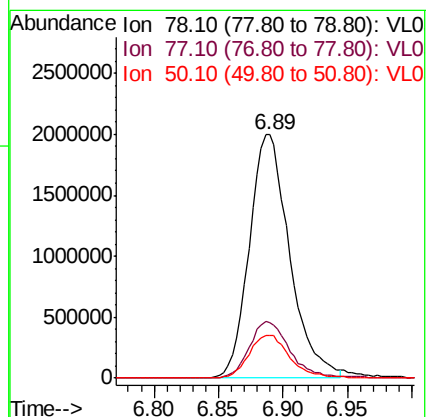
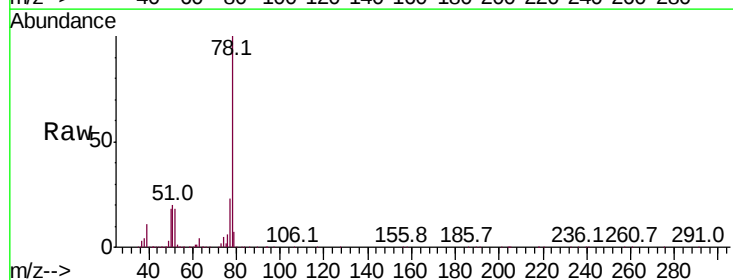
Tgt Ion: 78 Resp: 4349354

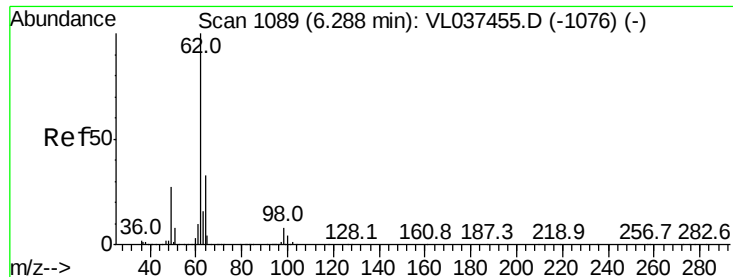
Ion Ratio Lower Upper

78 100

77 22.8 18.2 27.4

50 17.5 14.6 21.8





#37

1,2-Dichloroethane

Concen: 9.535 ppbv

RT: 6.30 min Scan# 1094

Delta R.T. 0.02 min

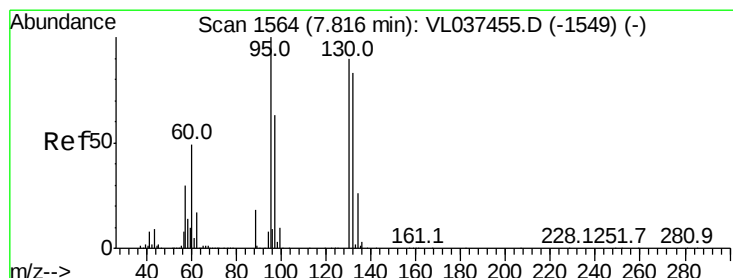
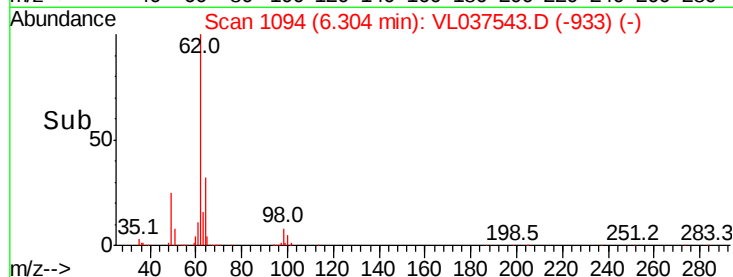
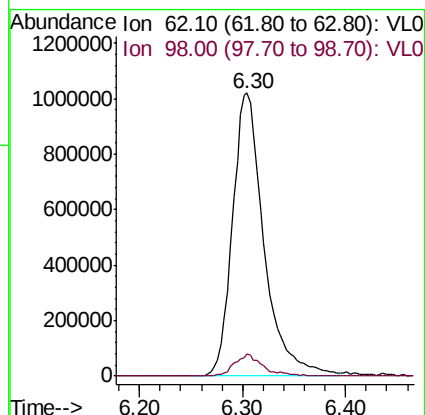
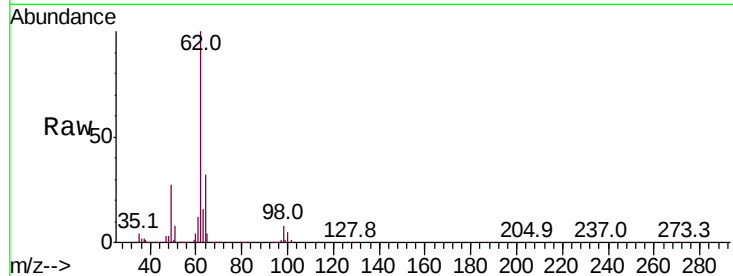
Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

Tot Ion: 62 Resp: 2174785

Ion	Ratio	Lower	Upper
62	100		
98	7.4	6.0	9.0



#38

Trichloroethene

Concen: 9.191 ppbv

RT: 7.83 min Scan# 1569

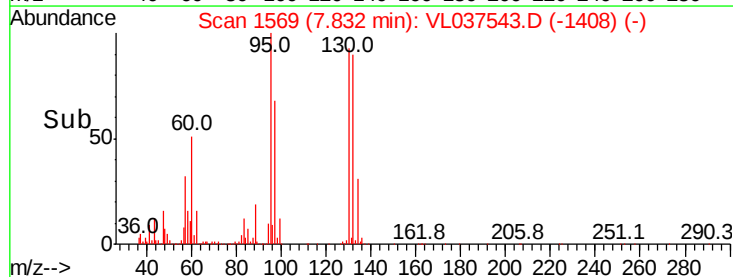
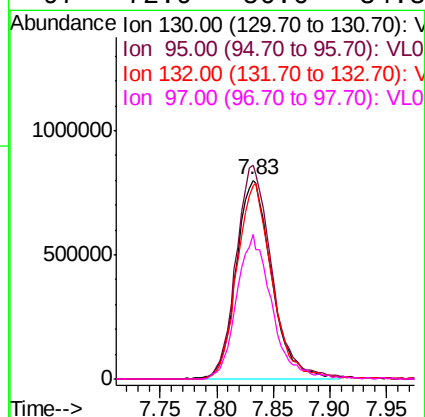
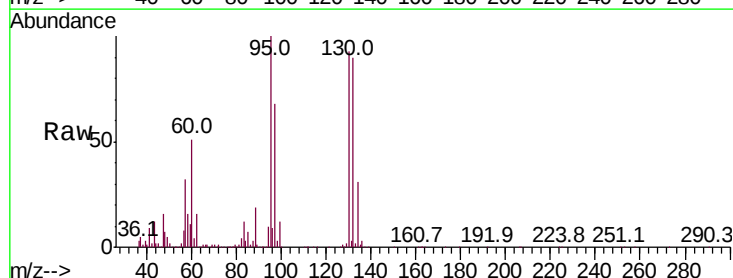
Delta R.T. 0.02 min

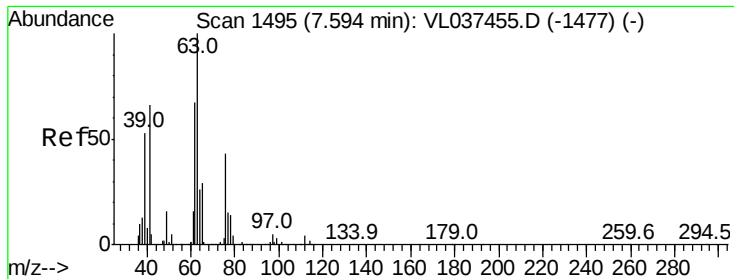
Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Tgt Ion: 130 Resp: 1736402

Ion	Ratio	Lower	Upper
130	100		
95	107.8	89.2	133.8
132	97.5	74.0	111.0
97	72.9	56.6	84.8





#39

1,2-Dichloropropane

Concen: 9.367 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

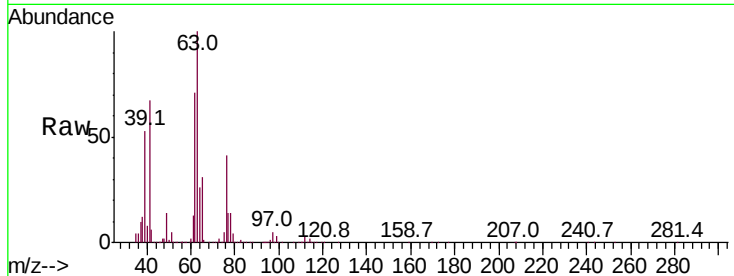
Tot Ion: 63 Resp: 1657414

Ion Ratio Lower Upper

63 100

41 66.8 52.4 78.6

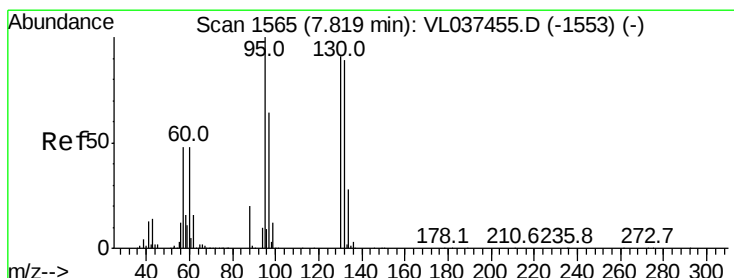
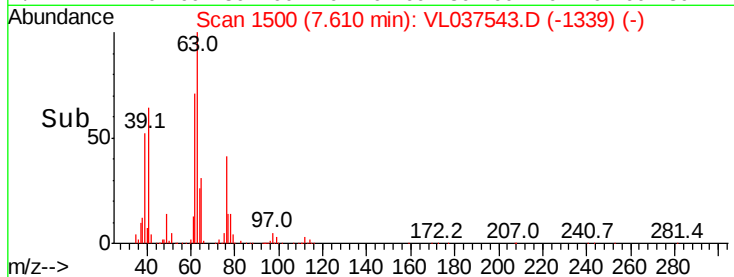
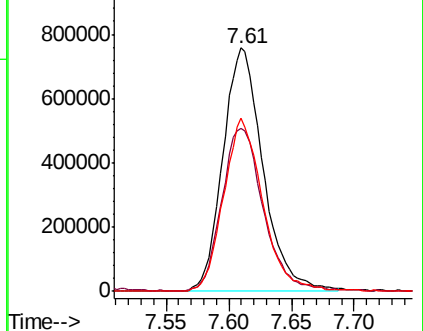
62 71.2 53.6 80.4



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 9.242 ppbv

RT: 7.83 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Tgt Ion: 88 Resp: 400619

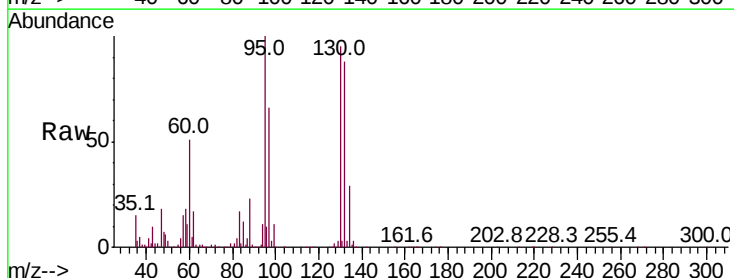
Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0

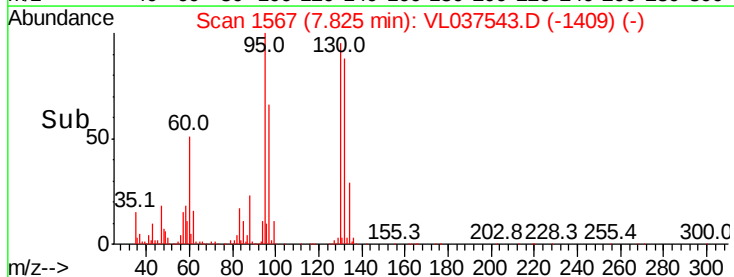
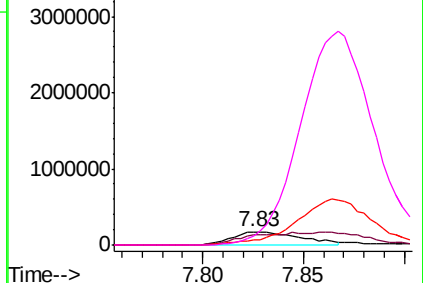


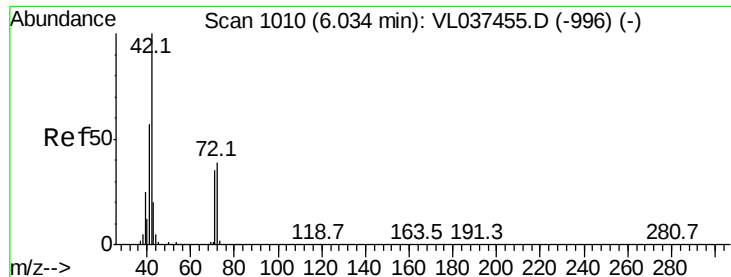
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 9.692 ppbv

RT: 6.04 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

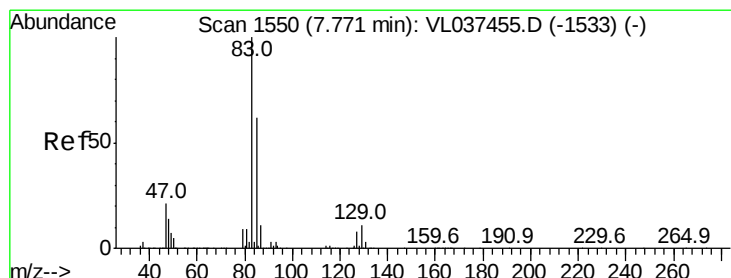
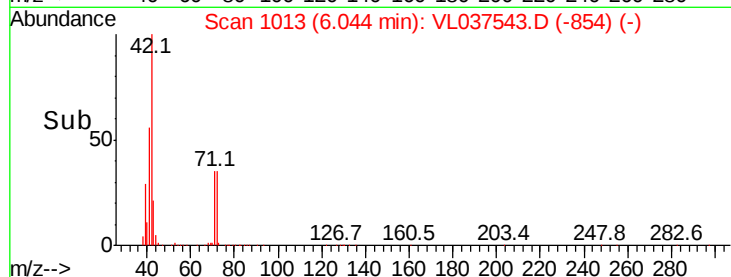
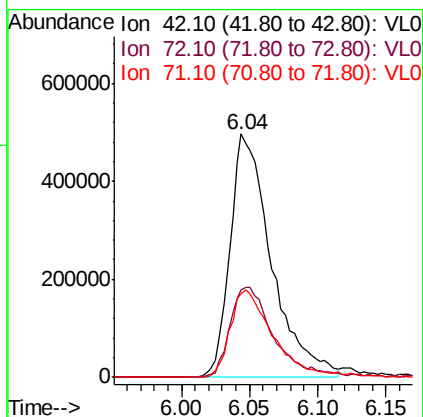
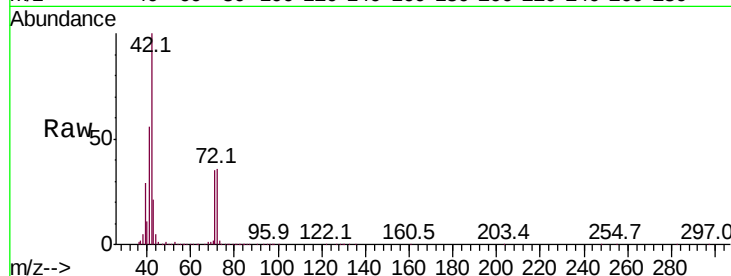
Tot Ion: 42 Resp: 1044366

Ion Ratio Lower Upper

42 100

72 40.4 32.2 48.4

71 38.2 30.5 45.7



#42

Bromodichloromethane

Concen: 9.601 ppbv

RT: 7.79 min Scan# 1555

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

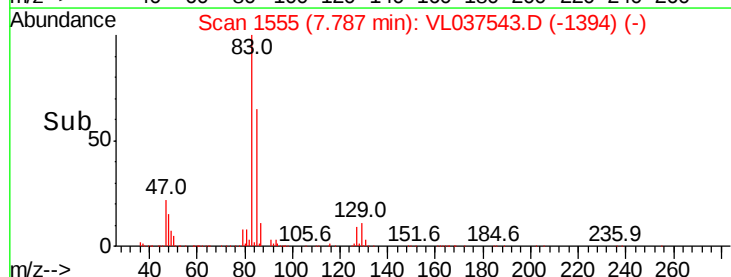
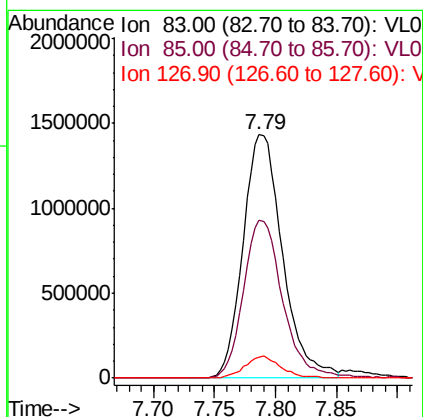
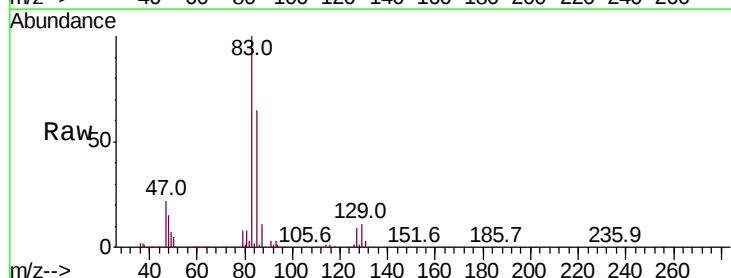
Tgt Ion: 83 Resp: 3202098

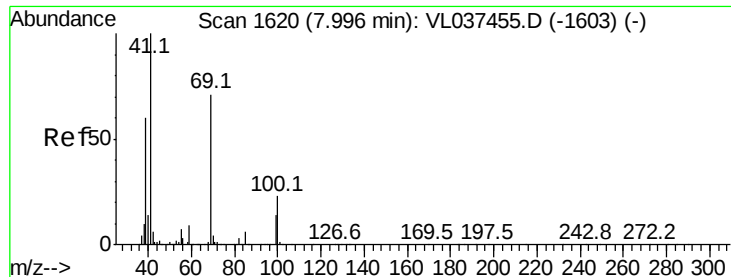
Ion Ratio Lower Upper

83 100

85 64.9 49.5 74.3

127 8.6 6.3 9.5





#43

Methyl Methacrylate

Concen: 9.910 ppbv

RT: 8.01 min Scan# 1625

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

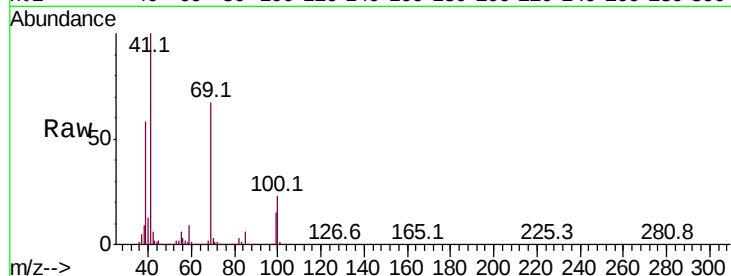
Tot Ion: 69 Resp: 1590436

Ion Ratio Lower Upper

69 100

41 148.4 118.6 178.0

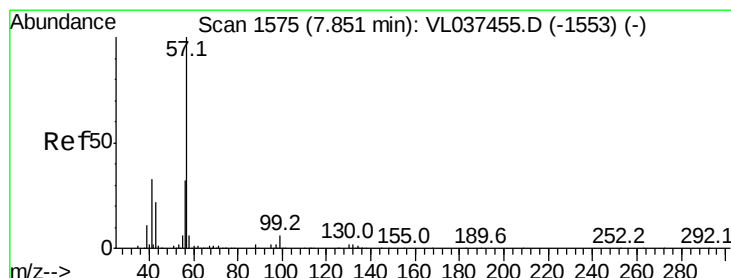
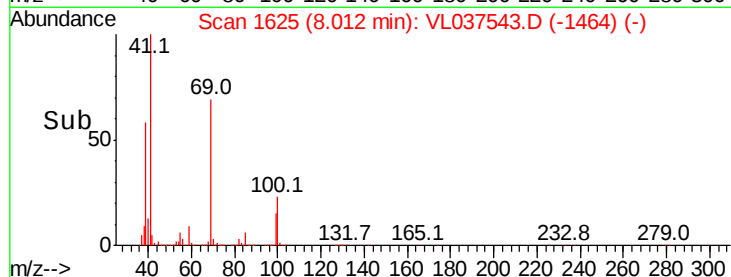
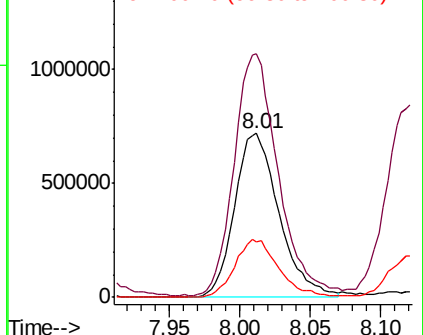
100 35.1 27.4 41.0



Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 9.379 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

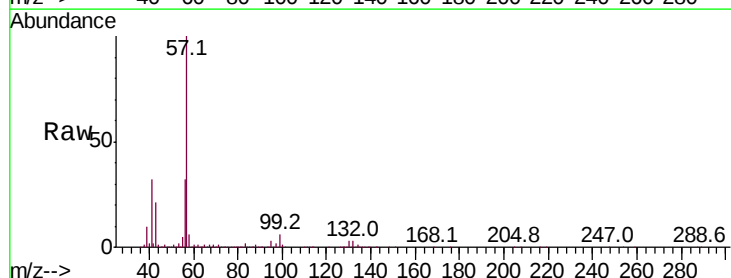
Tgt Ion: 57 Resp: 7268822

Ion Ratio Lower Upper

57 100

41 32.5 26.2 39.4

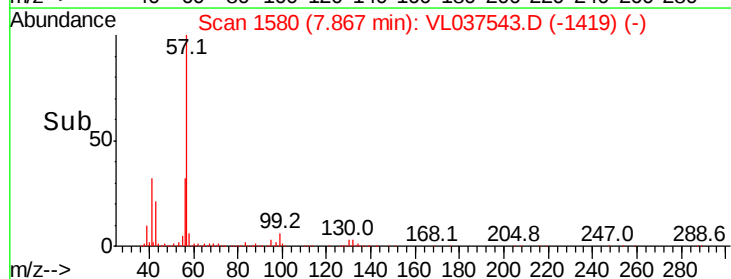
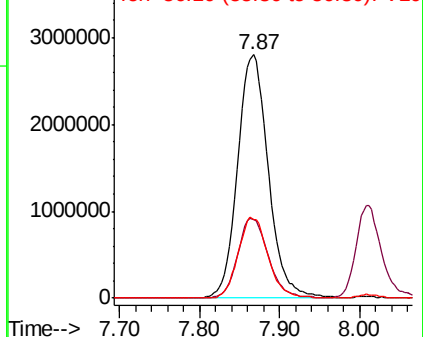
56 32.0 25.4 38.2

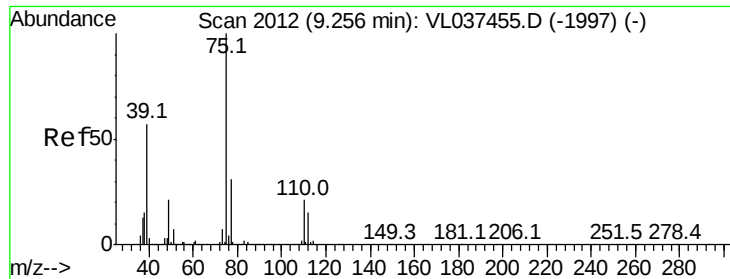


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 11.604 ppbv

RT: 9.27 min Scan# 2017

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

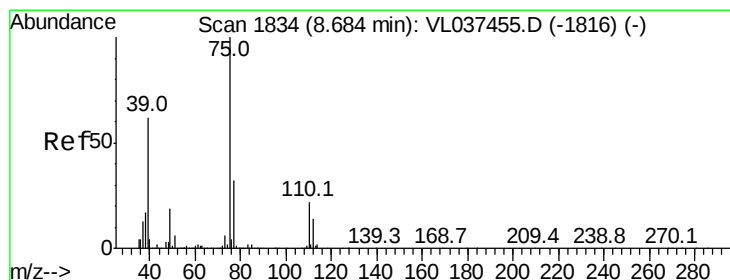
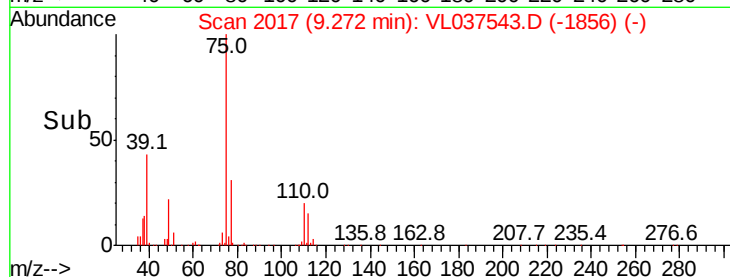
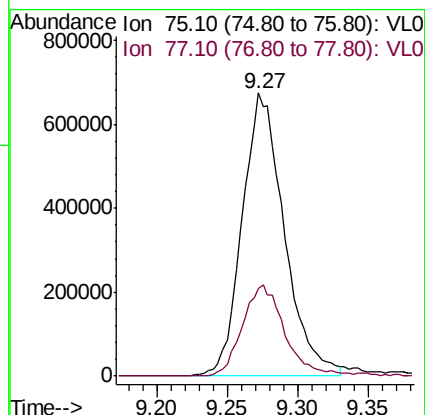
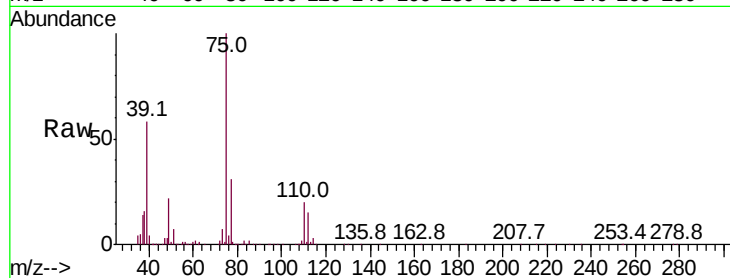
VL0907ABS01

Tot Ion: 75 Resp: 1402023

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7



#46

cis-1,3-Dichloropropene

Concen: 10.908 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

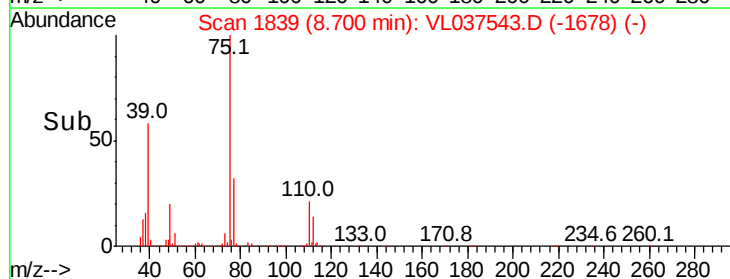
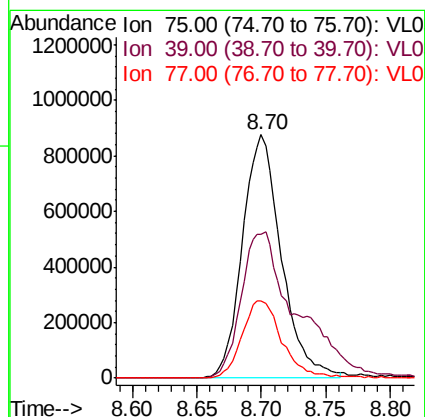
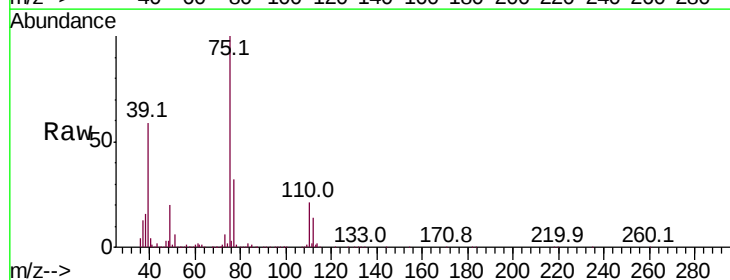
Tgt Ion: 75 Resp: 1838353

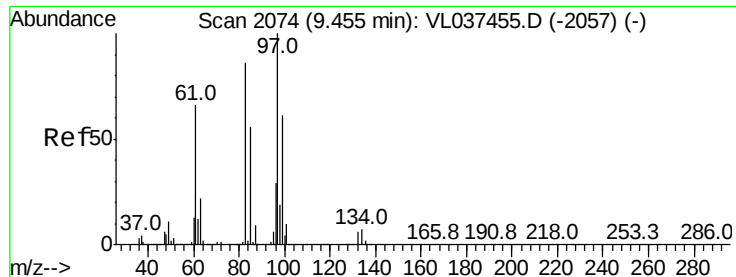
Ion Ratio Lower Upper

75 100

39 59.1 49.7 74.5

77 31.9 25.4 38.0

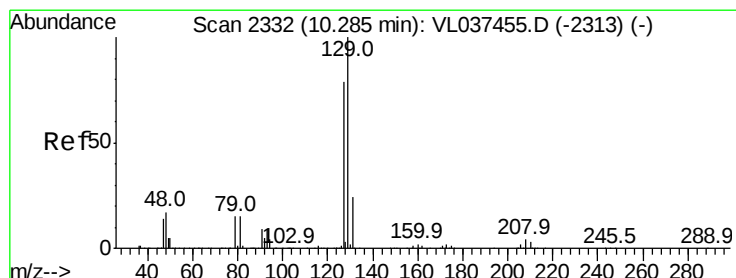
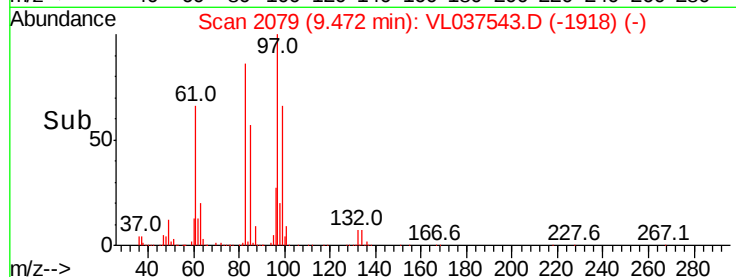
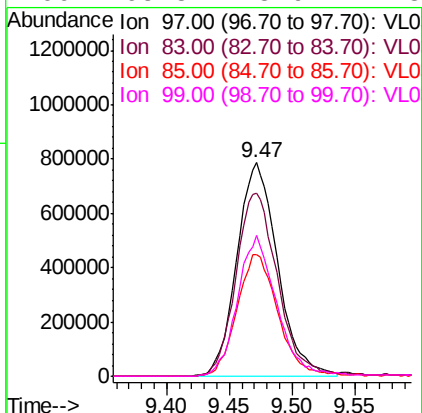
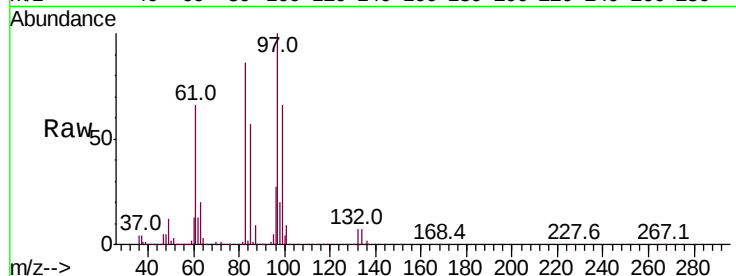




#47
 1,1,2-Trichloroethane
 Concen: 9.299 ppbv
 RT: 9.47 min Scan# 2079
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

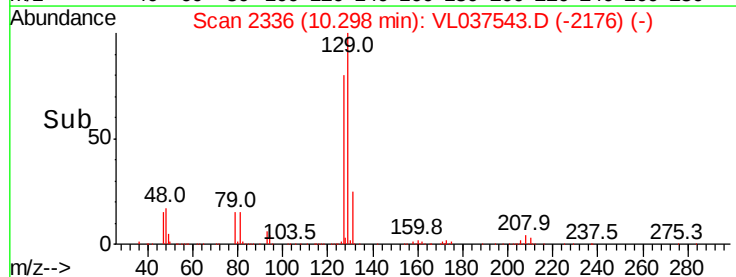
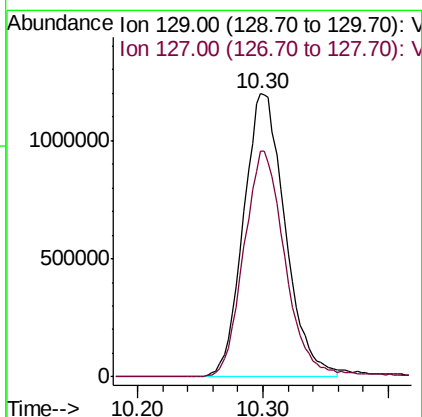
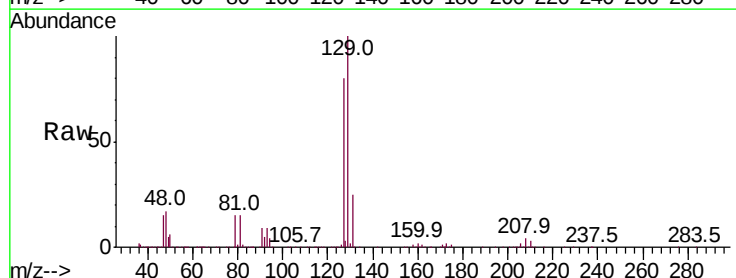
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

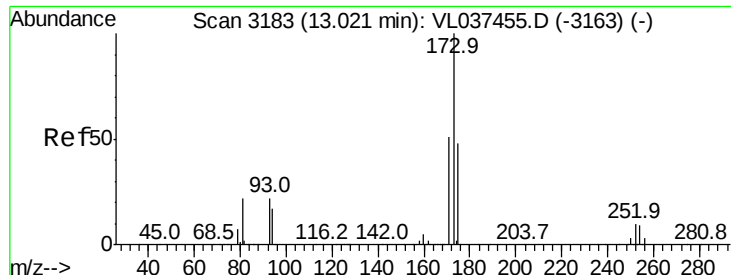
Tot Ion: 97 Resp: 1777889
 Ion Ratio Lower Upper
 97 100
 83 85.5 68.7 103.1
 85 57.0 44.7 67.1
 99 65.8 48.6 72.8



#48
 Dibromochloromethane
 Concen: 10.070 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. 0.01 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Tgt Ion: 129 Resp: 2770618
 Ion Ratio Lower Upper
 129 100
 127 79.9 40.0 120.0





#49

Bromoform

Concen: 10.056 ppbv

RT: 13.04 min Scan# 3188

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

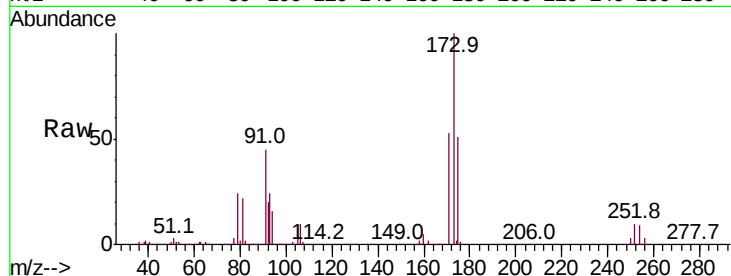
Tot Ion:173 Resp: 2180923

Ion Ratio Lower Upper

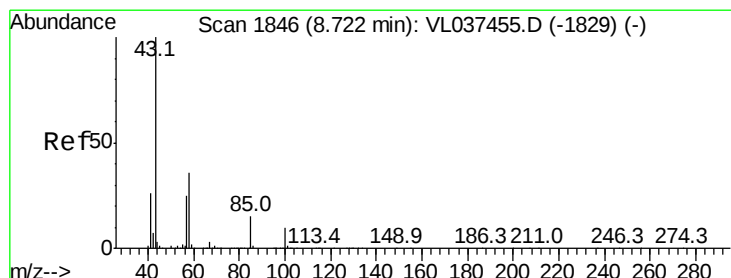
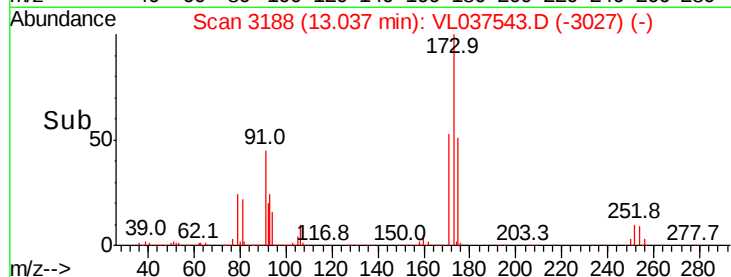
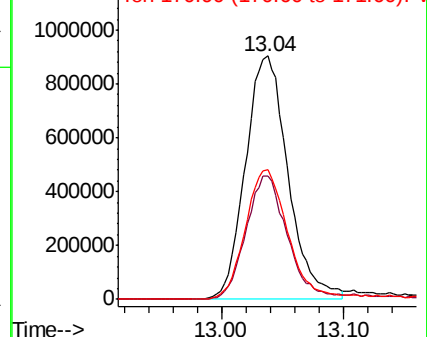
173 100

175 52.4 41.9 62.9

171 55.4 44.2 66.4



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.959 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.02 min

Lab File: VL037543.D

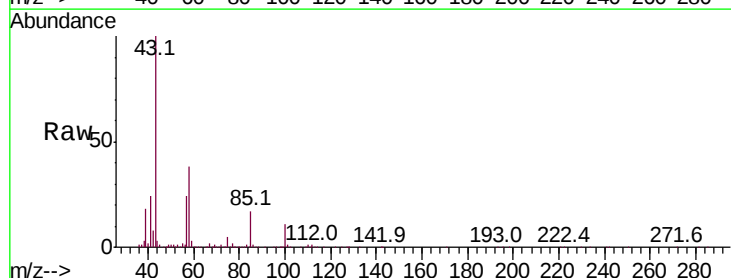
Acq: 7 Sep 2021 10:07

Tgt Ion: 43 Resp: 2906280

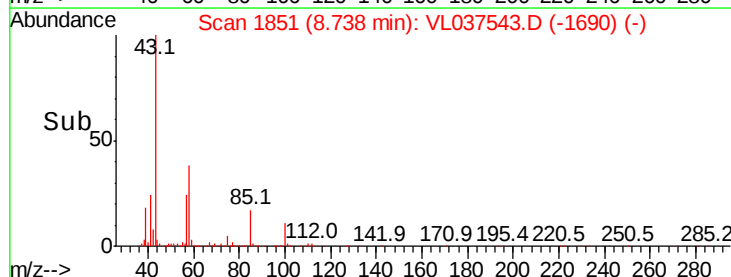
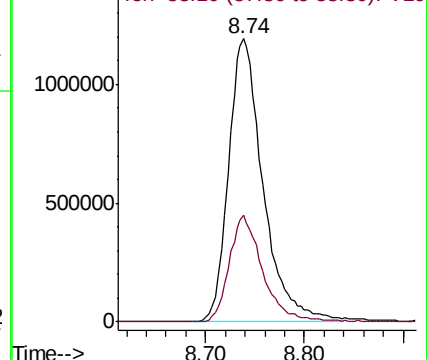
Ion Ratio Lower Upper

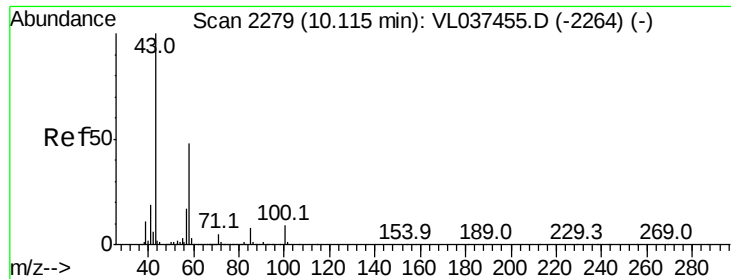
43 100

58 36.9 29.9 44.9



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

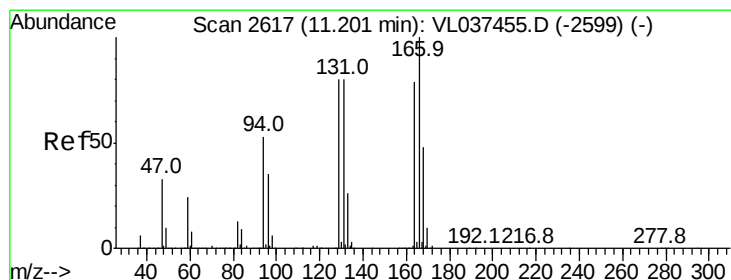
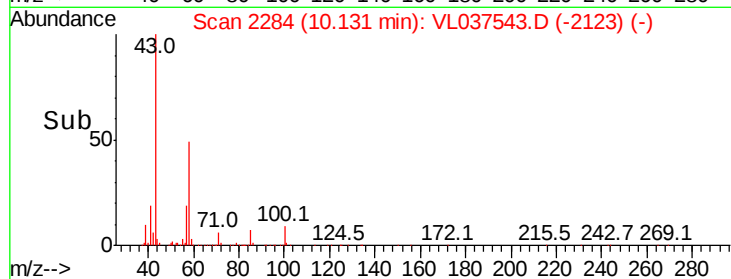
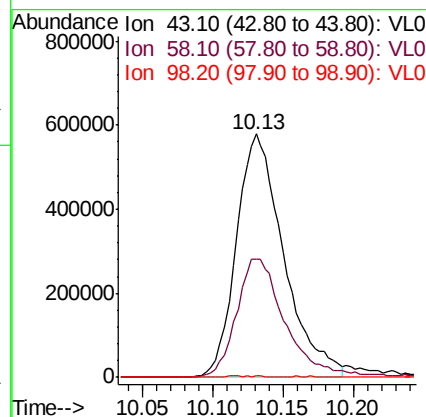
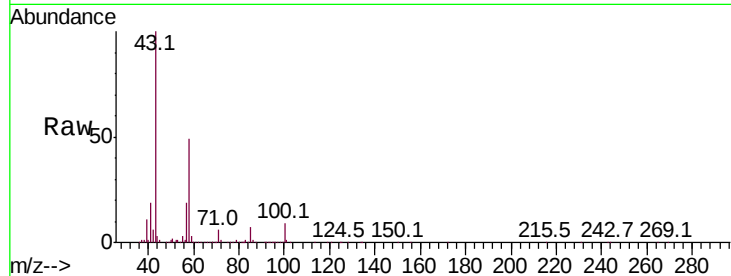




#51
2-Hexanone
Concen: 10.072 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. 0.02 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

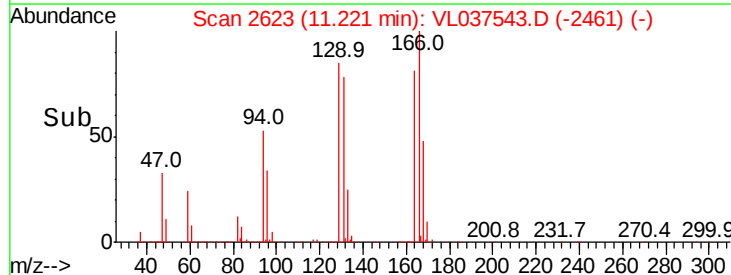
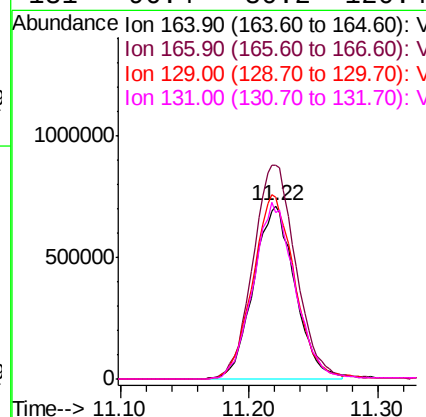
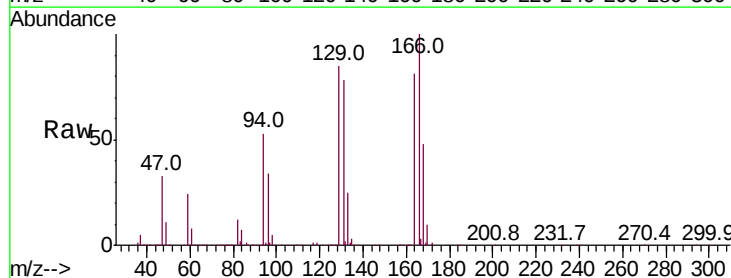
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

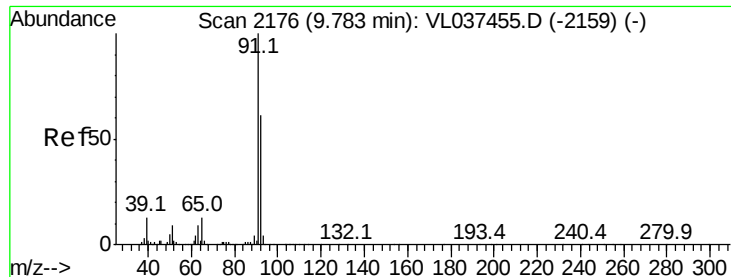
Tot Ion: 43 Resp: 1351941
Ion Ratio Lower Upper
43 100
58 51.2 41.0 61.6
98 0.5 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.464 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. 0.02 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

Tgt Ion: 164 Resp: 1597165
Ion Ratio Lower Upper
164 100
166 123.6 100.7 151.1
129 105.0 80.9 121.3
131 96.4 80.2 120.4





#53

Toluene

Concen: 9.697 ppbv

RT: 9.80 min Scan# 2181

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

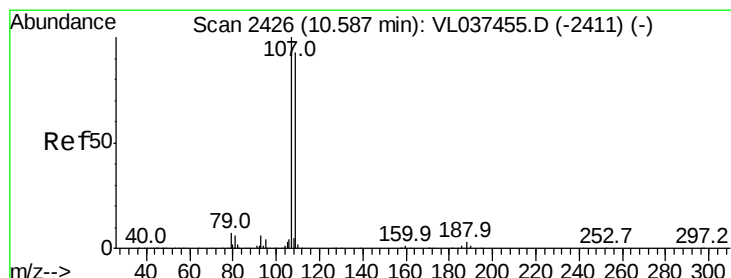
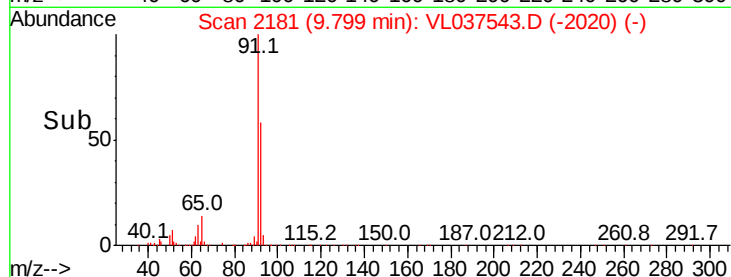
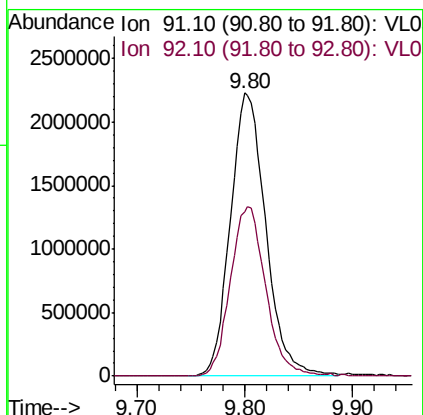
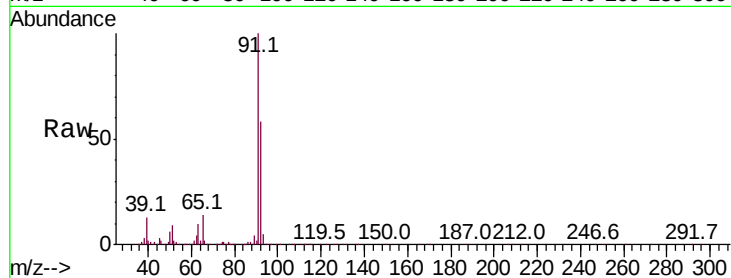
VL0907ABS01

Tot Ion: 91 Resp: 5098684

Ion Ratio Lower Upper

91 100

92 60.1 48.8 73.2



#54

1,2-Dibromoethane

Concen: 9.538 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.02 min

Lab File: VL037543.D

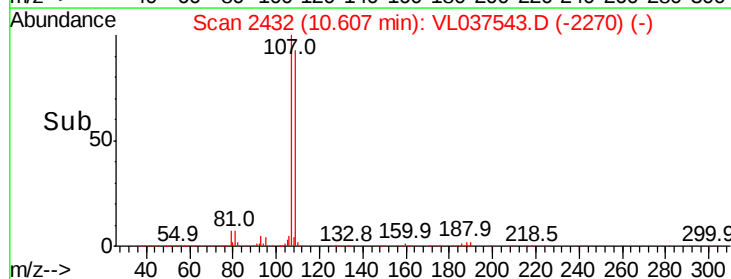
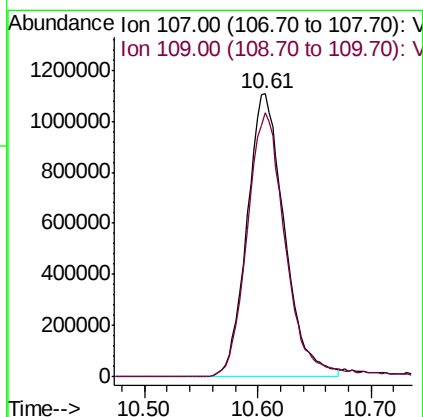
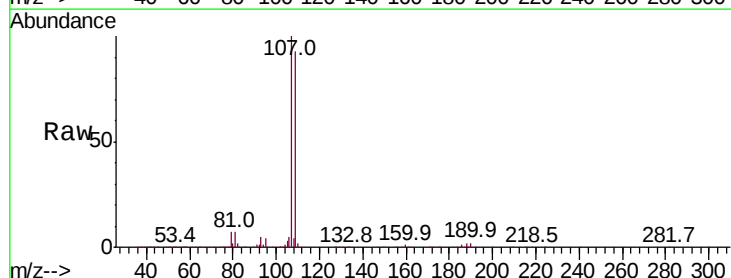
Acq: 7 Sep 2021 10:07

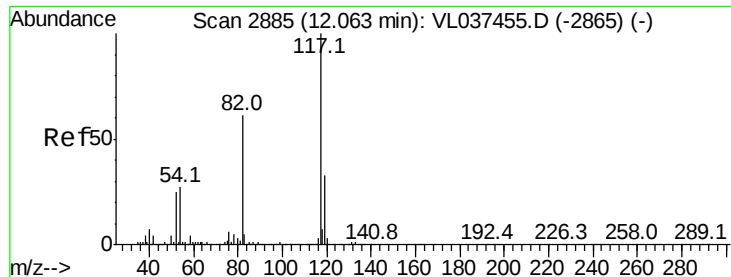
Tgt Ion: 107 Resp: 2545686

Ion Ratio Lower Upper

107 100

109 93.3 74.2 111.4

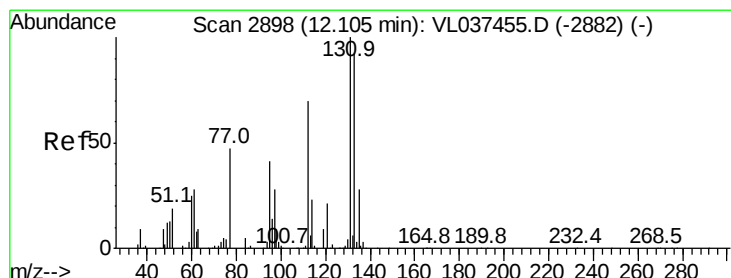
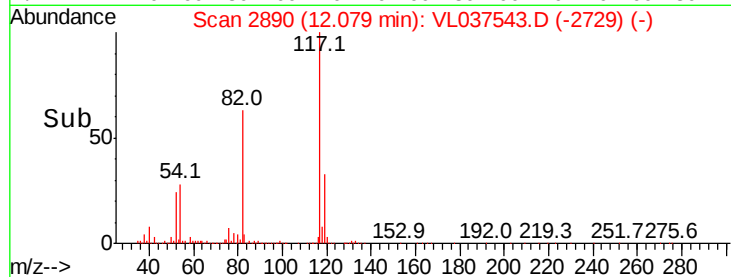
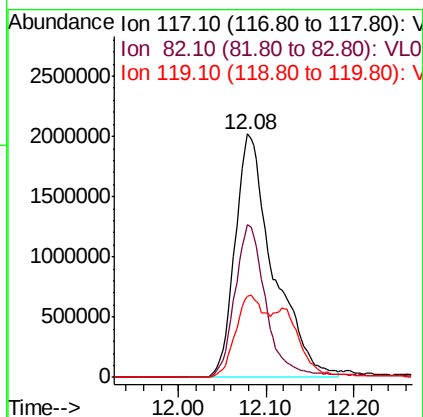
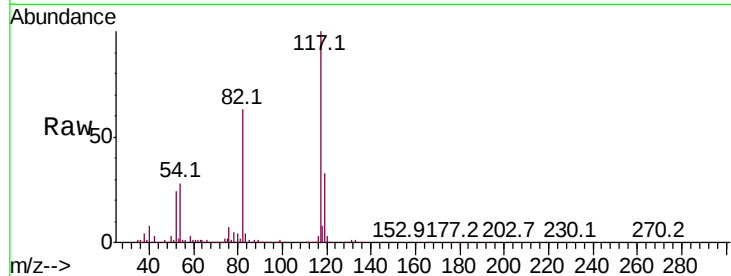




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. 0.02 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

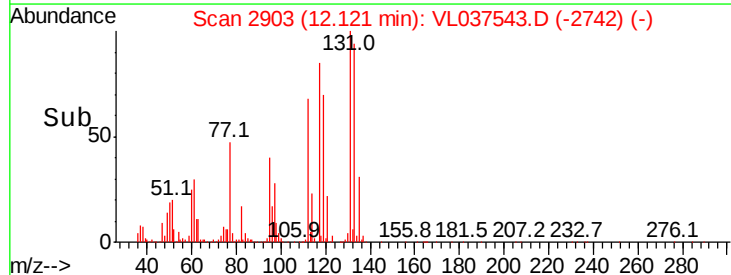
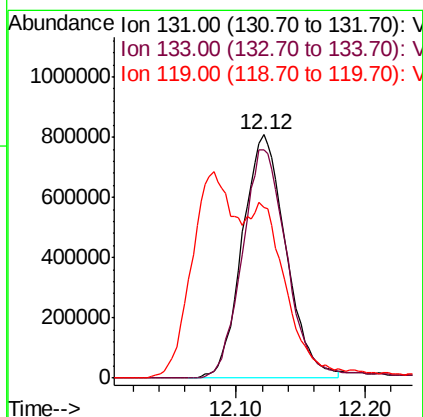
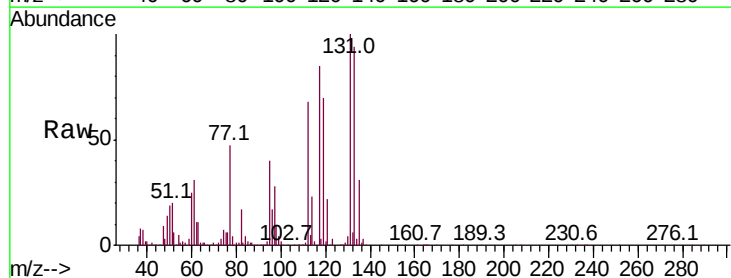
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

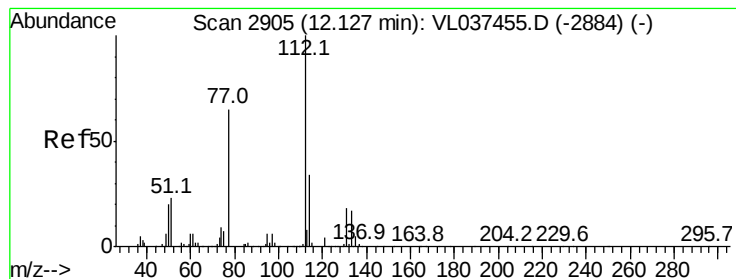
Tot Ion:117 Resp: 6120767
Ion Ratio Lower Upper
117 100
82 52.6 52.9 79.3#
119 48.2 24.8 37.2#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.480 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.02 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

Tgt Ion:131 Resp: 1907685
Ion Ratio Lower Upper
131 100
133 98.7 78.7 118.1
119 154.7 56.6 85.0#





#57

Chlorobenzene

Concen: 7.138 ppbv

RT: 12.14 min Scan# 2909

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

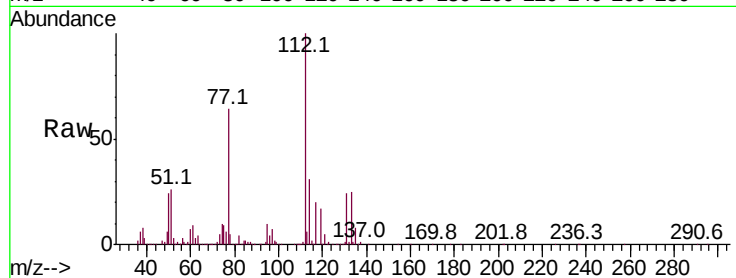
Tot Ion:112 Resp: 3625760

Ion Ratio Lower Upper

112 100

77 62.7 51.6 77.4

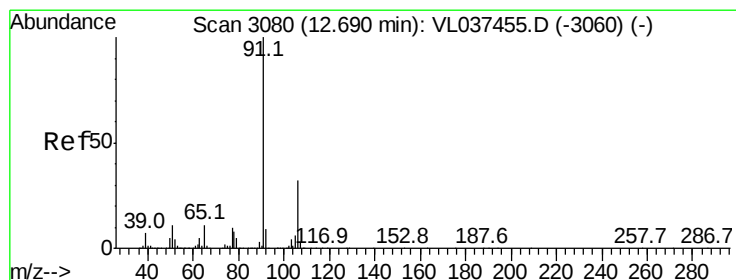
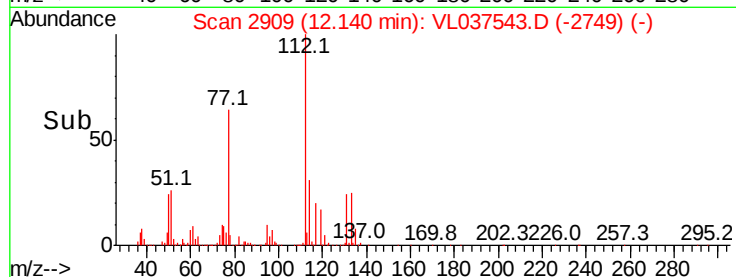
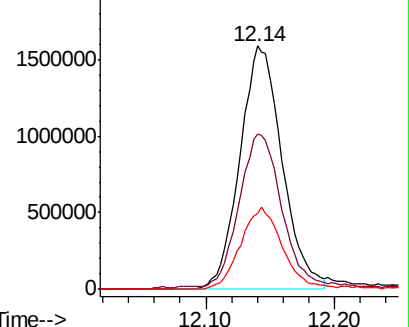
114 31.0 30.7 37.5



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 7.514 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. 0.02 min

Lab File: VL037543.D

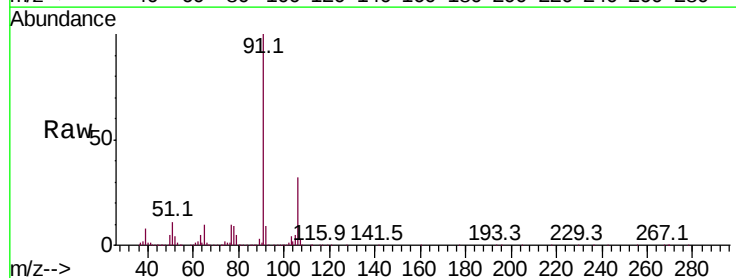
Acq: 7 Sep 2021 10:07

Tgt Ion: 91 Resp: 6382405

Ion Ratio Lower Upper

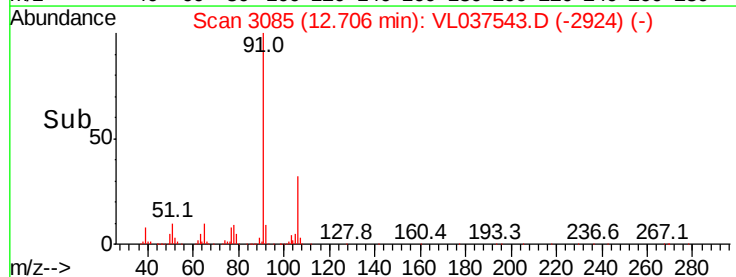
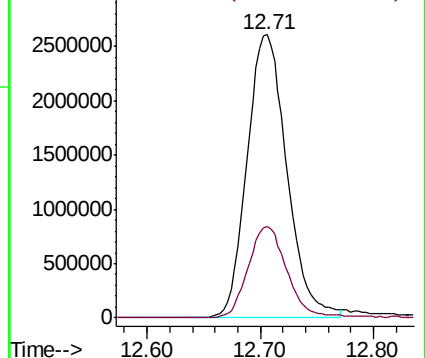
91 100

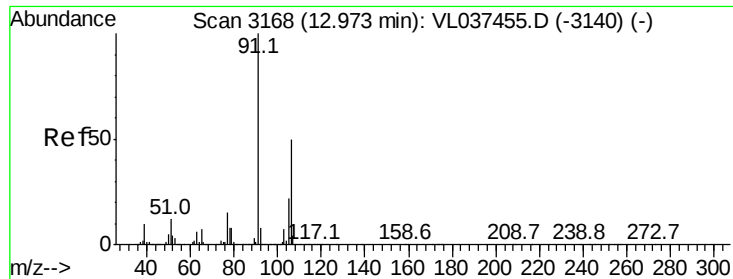
106 32.4 25.7 38.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

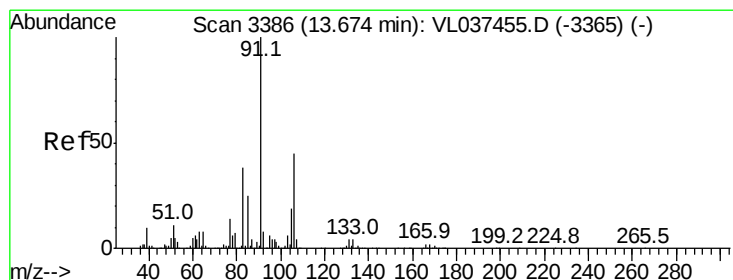
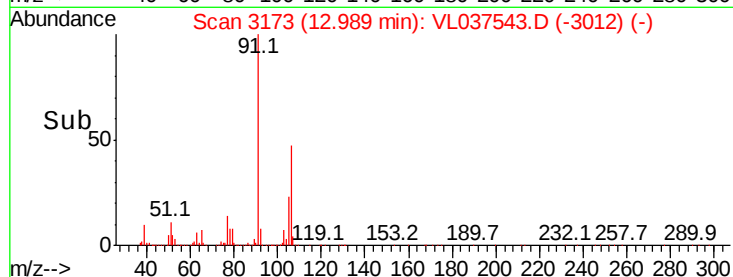
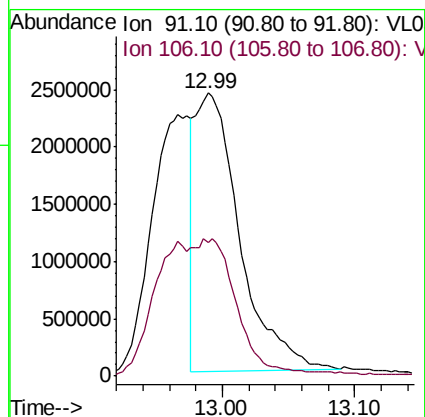
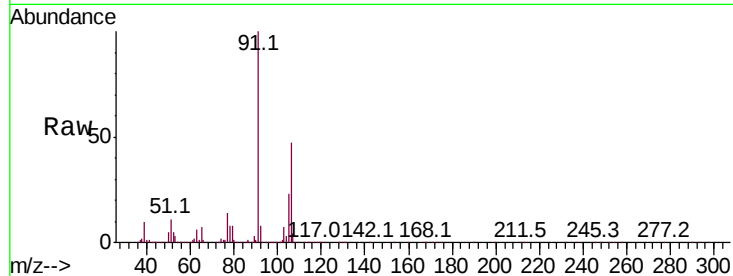




#59
m/p-Xylene
Concen: 7.641 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. 0.02 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

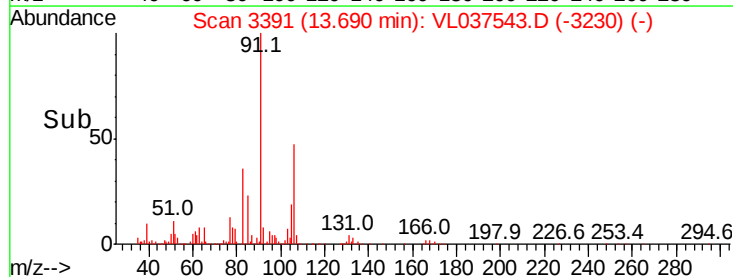
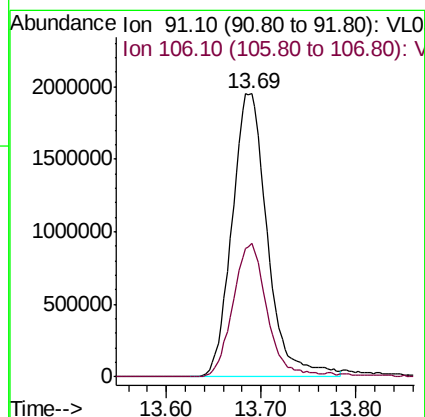
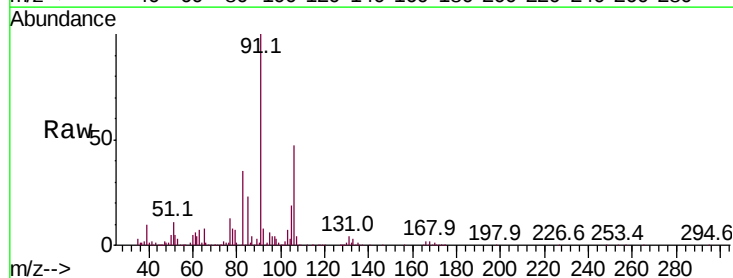
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

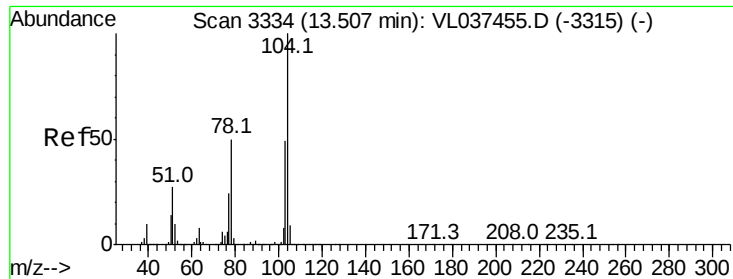
Tot Ion: 91 Resp: 5626709
Ion Ratio Lower Upper
91 100
106 89.1 36.9 55.3#



#60
o-Xylene
Concen: 7.353 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. 0.02 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

Tgt Ion: 91 Resp: 5053739
Ion Ratio Lower Upper
91 100
106 47.3 23.7 71.1

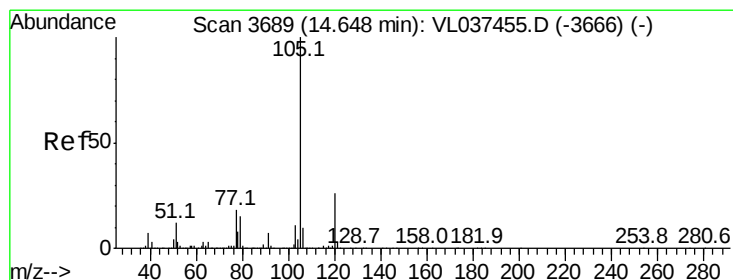
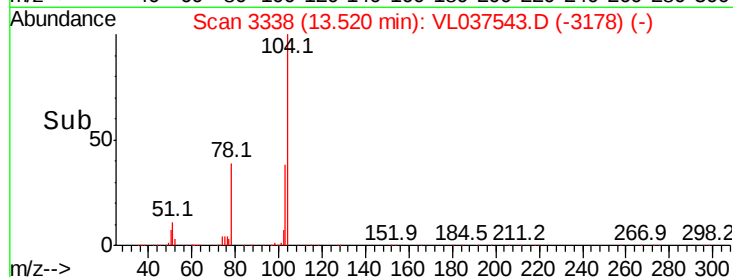
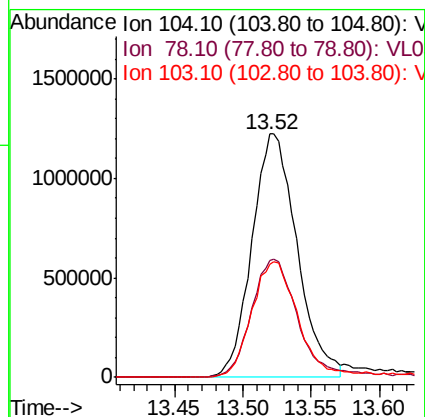
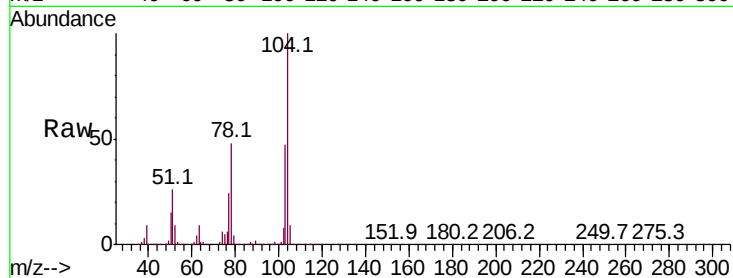




#61
Stvrene
Concen: 7.853 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. 0.01 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

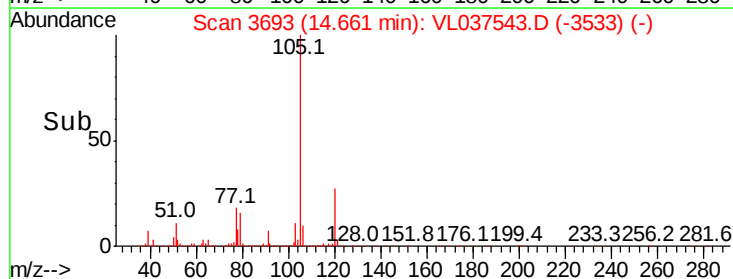
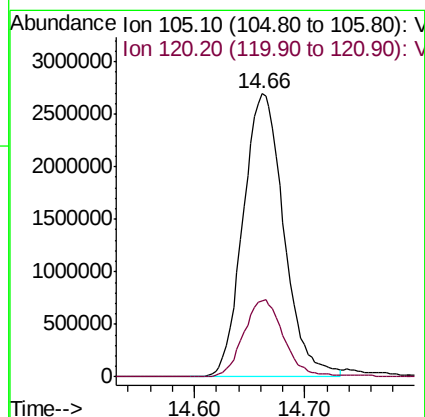
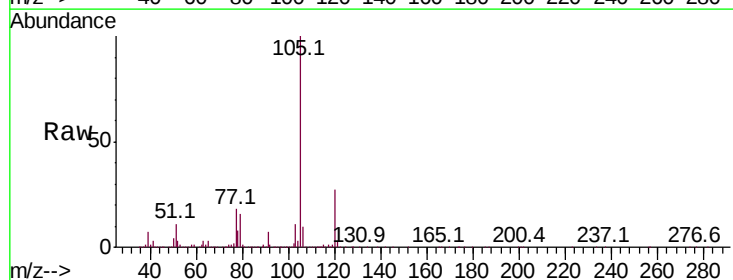
Instrument :
MSVOA_L
ClientSampleId :
VL0907ABS01

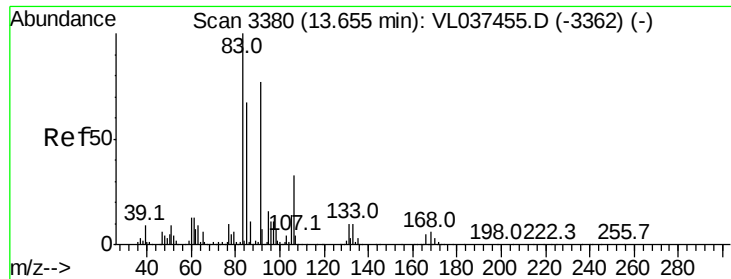
Tot Ion:104 Resp: 2803806
Ion Ratio Lower Upper
104 100
78 50.8 41.3 61.9
103 50.3 39.4 59.0



#62
Isopropylbenzene
Concen: 7.127 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. 0.01 min
Lab File: VL037543.D
Acq: 7 Sep 2021 10:07

Tgt Ion:105 Resp: 6912571
Ion Ratio Lower Upper
105 100
120 27.4 21.5 32.3

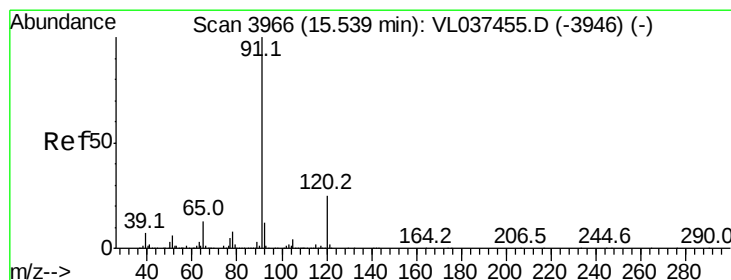
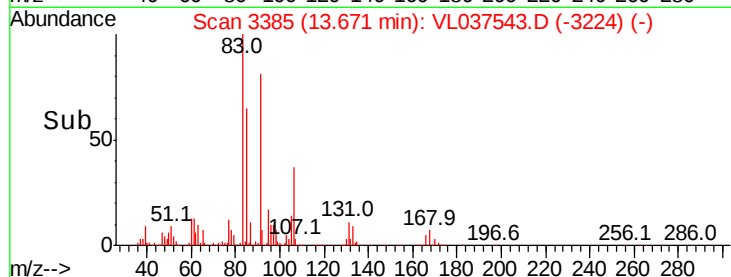
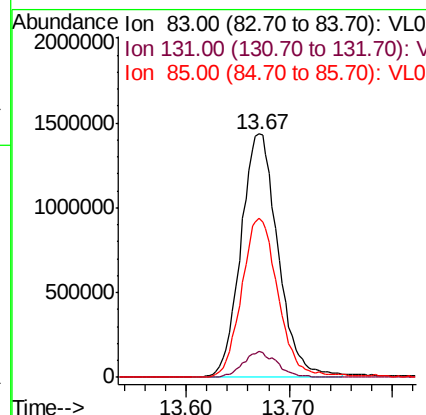
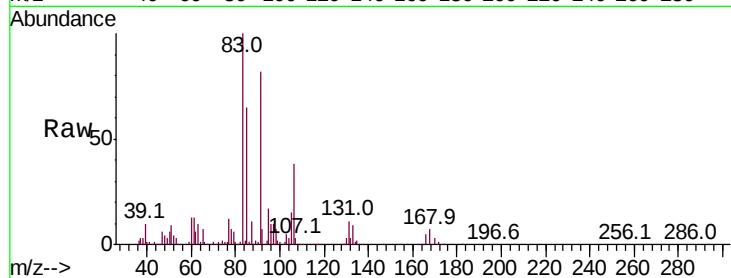




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.019 ppbv
 RT: 13.67 min Scan# 3385
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

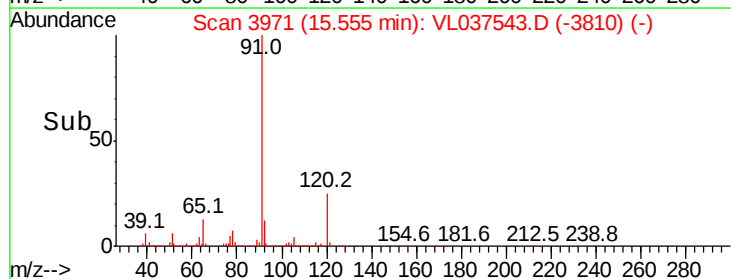
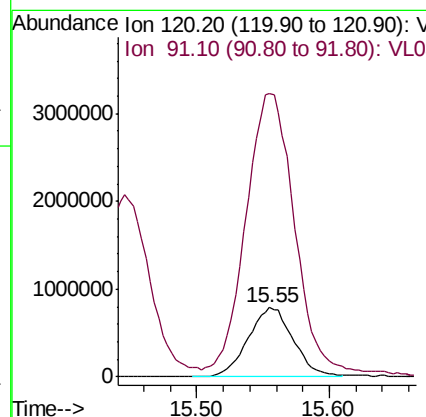
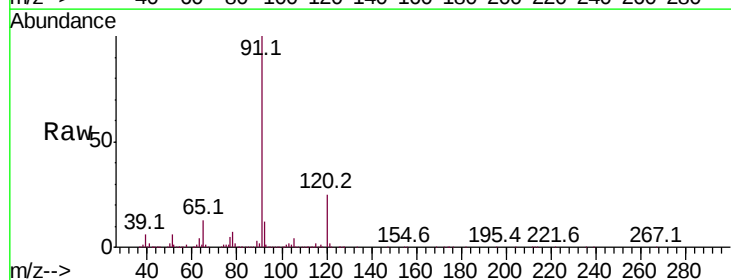
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

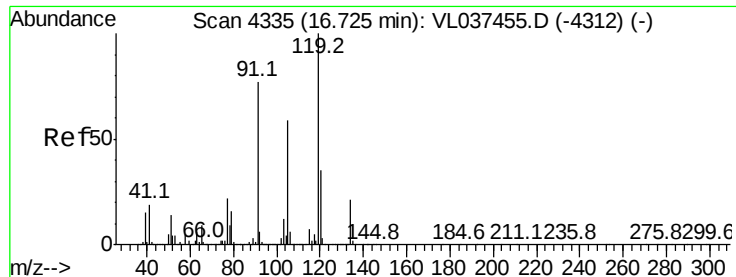
Tot Ion: 83 Resp: 3585423
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 15.0
 85 65.3 33.8 101.3



#64
 n-propylbenzene
 Concen: 7.569 ppbv
 RT: 15.55 min Scan# 3971
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Tgt Ion:120 Resp: 1868421
 Ion Ratio Lower Upper
 120 100
 91 451.8 373.8 560.6





#65

tert-Butylbenzene

Concen: 6.892 ppbv

RT: 16.74 min Scan# 4339

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

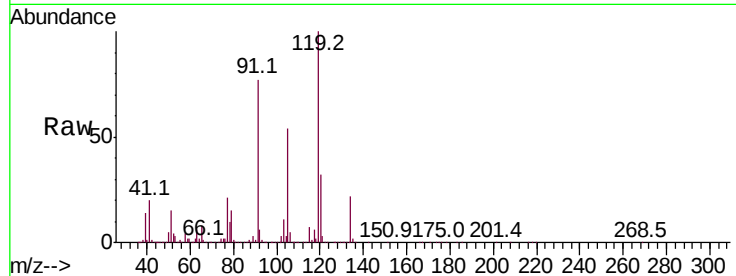
Tot Ion:119 Resp: 6088157

Ion Ratio Lower Upper

119 100

91 77.8 62.9 94.3

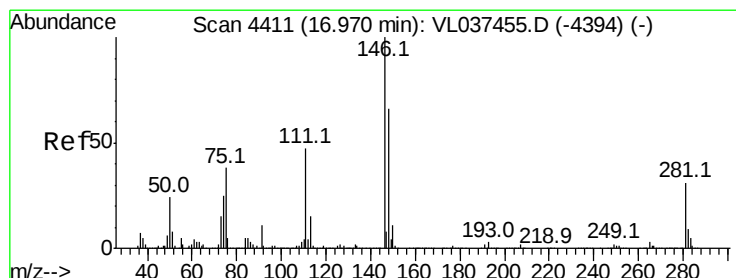
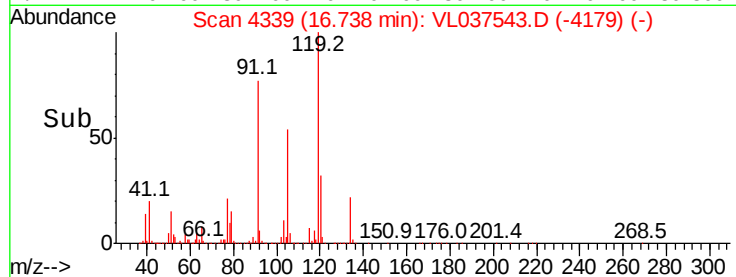
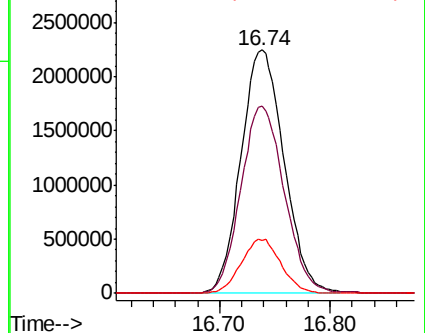
134 20.7 16.4 24.6



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 10.551 ppbv

RT: 16.98 min Scan# 4414

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

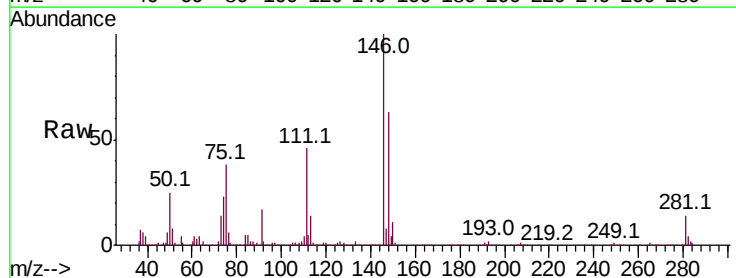
Tgt Ion: 91 Resp: 421612

Ion Ratio Lower Upper

91 100

126 17.7 15.9 23.9

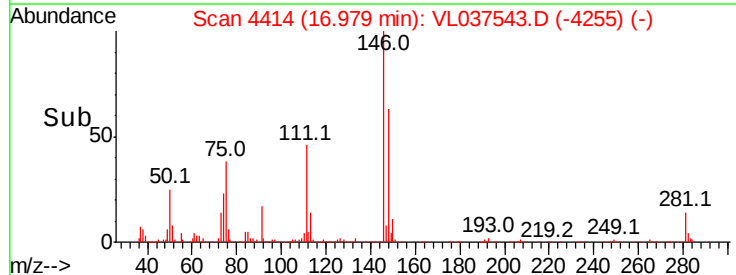
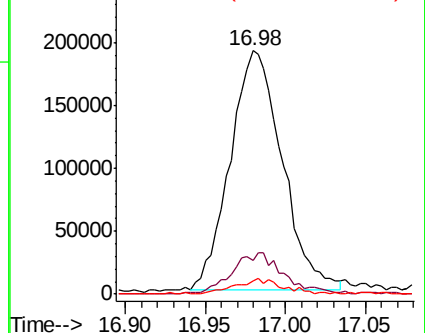
128 6.6 5.4 8.0

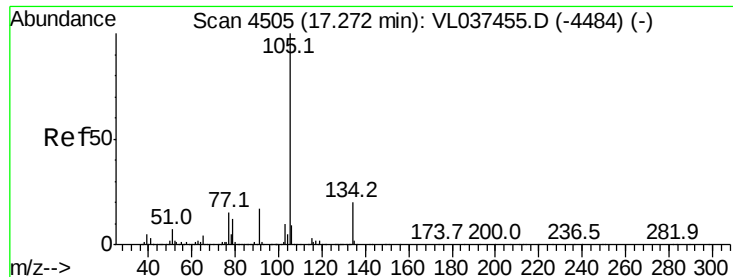


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

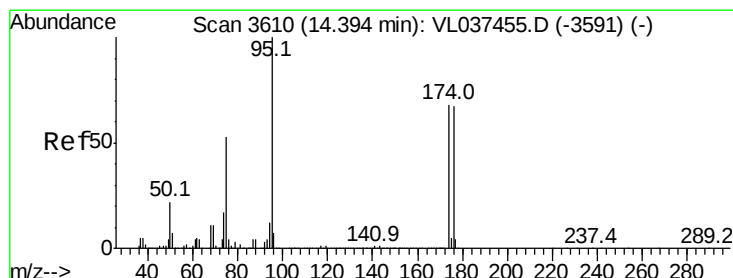
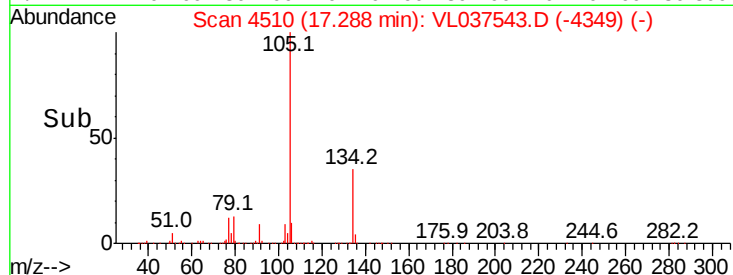
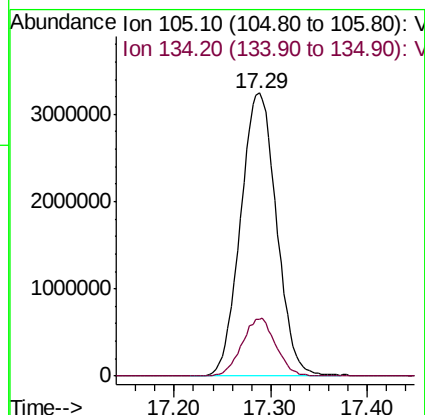
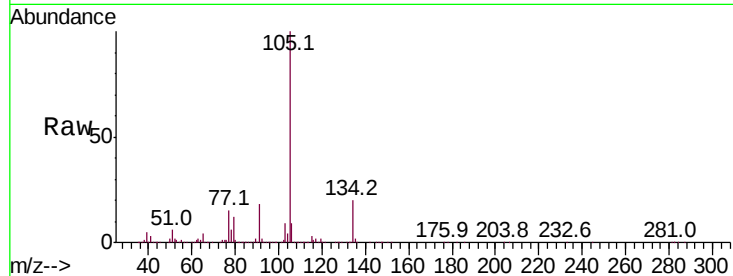




#67
 sec-Butylbenzene
 Concen: 6.779 ppbv
 RT: 17.29 min Scan# 4510
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

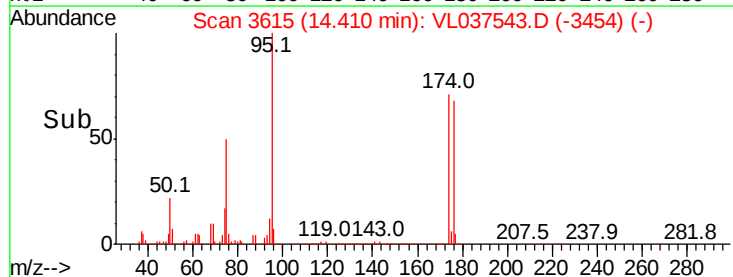
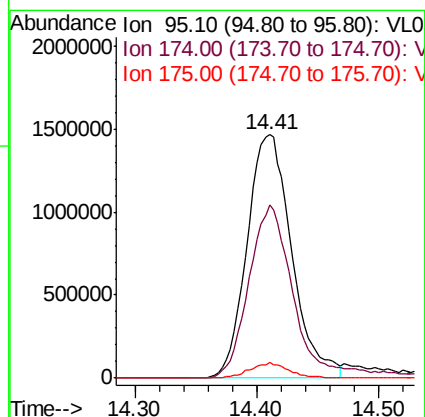
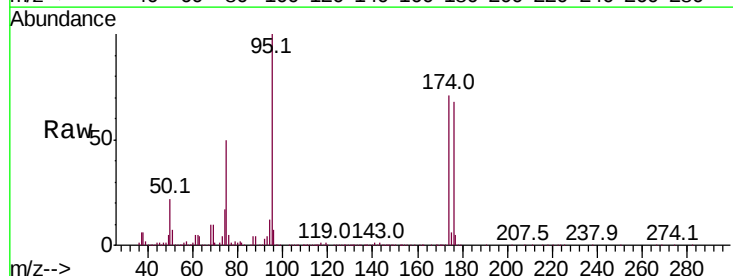
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

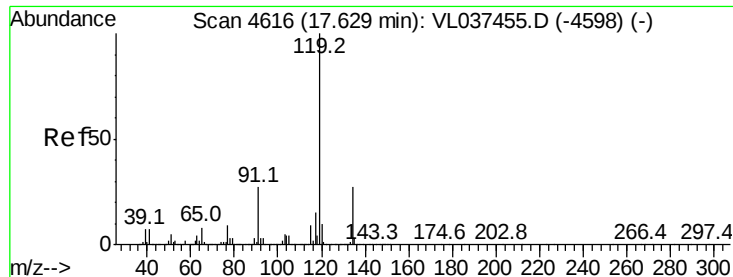
Tot Ion:105 Resp: 8367079
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.2 22.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.534 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Tgt Ion: 95 Resp: 3711149
 Ion Ratio Lower Upper
 95 100
 174 73.8 59.6 89.4
 175 5.7 4.6 7.0

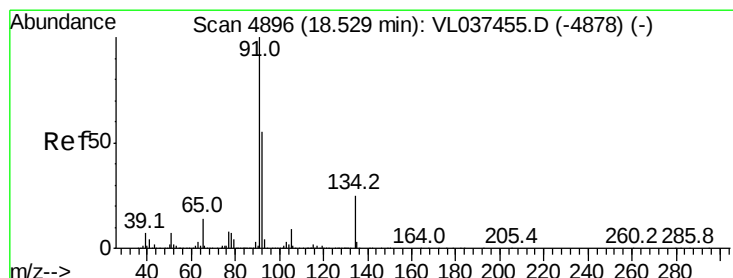
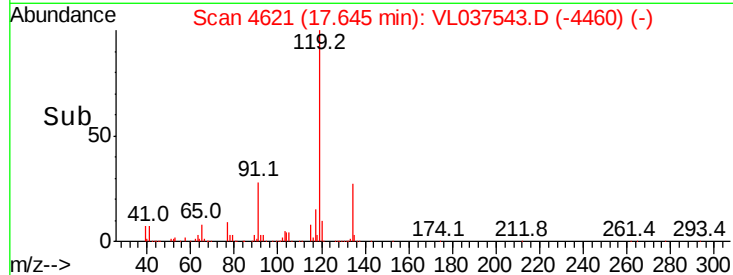
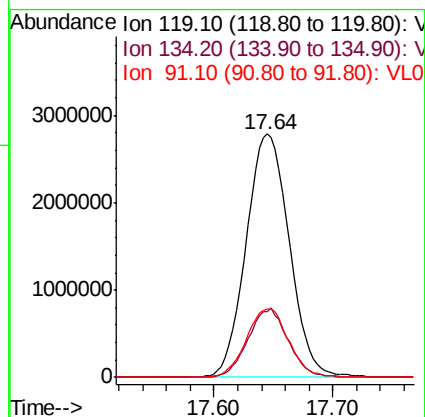
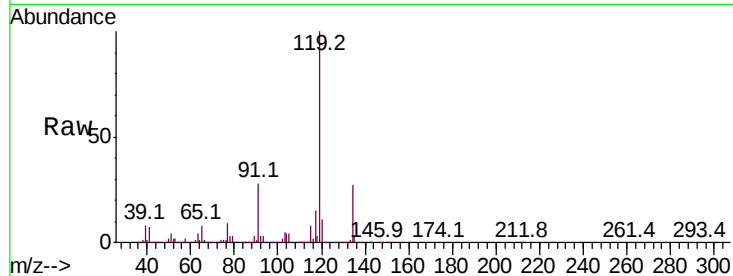




#69
 p-Isopropyltoluene
 Concen: 6.939 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

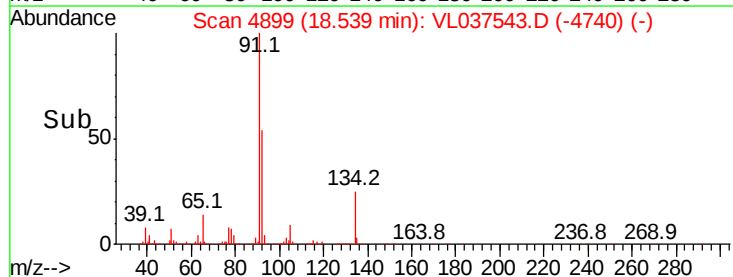
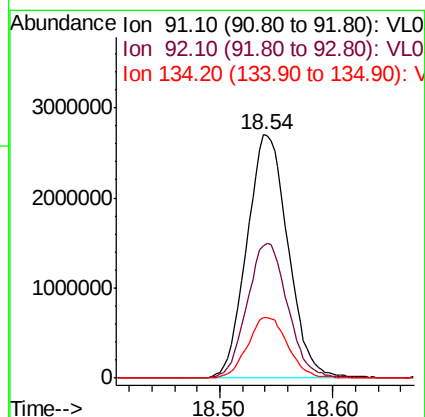
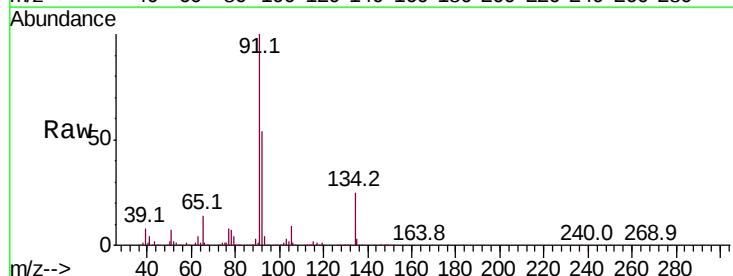
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

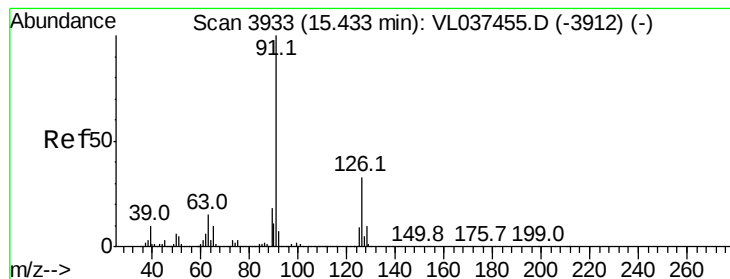
Tot Ion:119 Resp: 6979173
 Ion Ratio Lower Upper
 119 100
 134 26.6 21.1 31.7
 91 27.7 22.4 33.6



#70
 n-Butylbenzene
 Concen: 7.082 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. 0.01 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Tgt Ion: 91 Resp: 6807590
 Ion Ratio Lower Upper
 91 100
 92 55.2 44.0 66.0
 134 24.6 19.5 29.3





#71

2-Chlorotoluene

Concen: 7.198 ppbv

RT: 15.45 min Scan# 3937

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

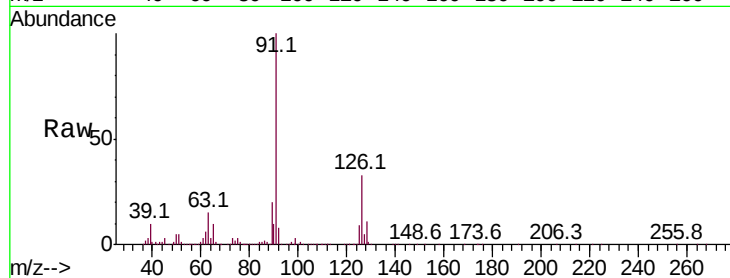
VL0907ABS01

Tot Ion: 91 Resp: 5119852

Ion Ratio Lower Upper

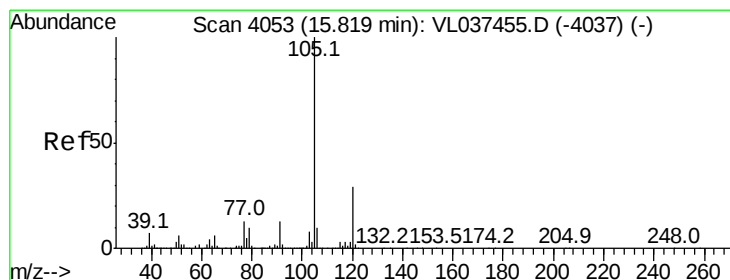
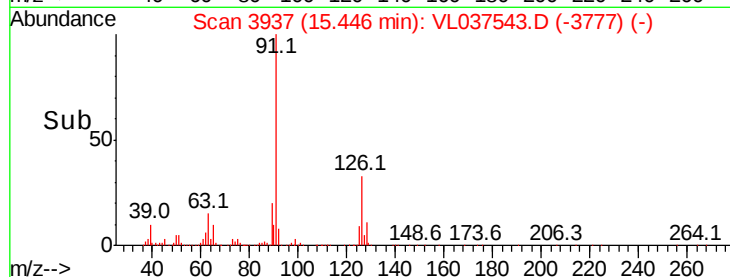
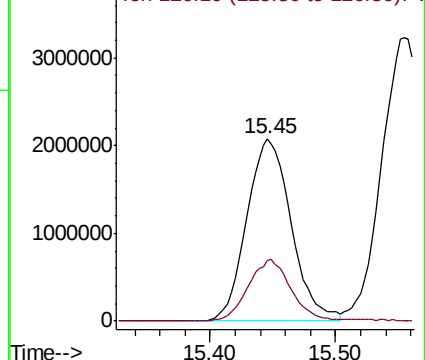
91 100

126 33.8 13.6 54.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 7.348 ppbv

RT: 15.83 min Scan# 4058

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Tgt Ion: 105 Resp: 6006935

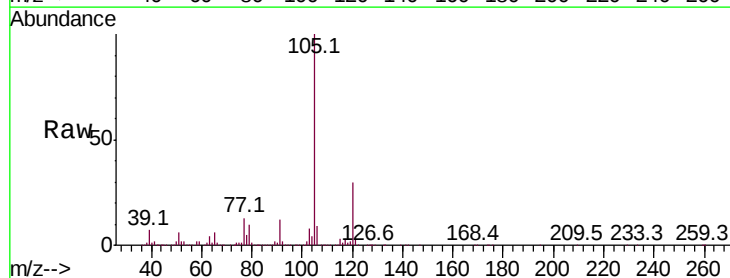
Ion Ratio Lower Upper

105 100

120 31.1 24.7 37.1

91 12.4 9.8 14.8

77 13.2 10.6 15.8

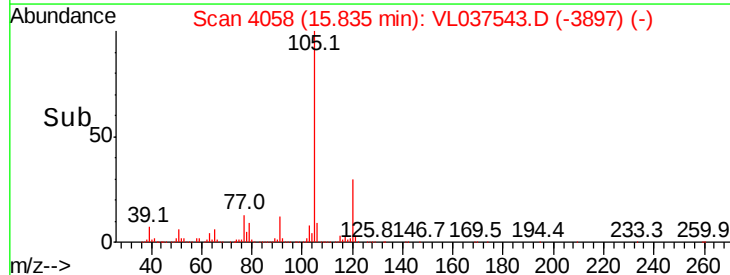
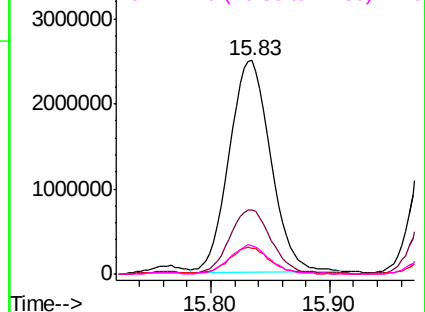


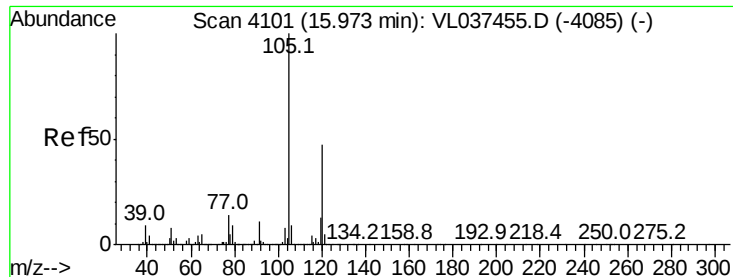
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

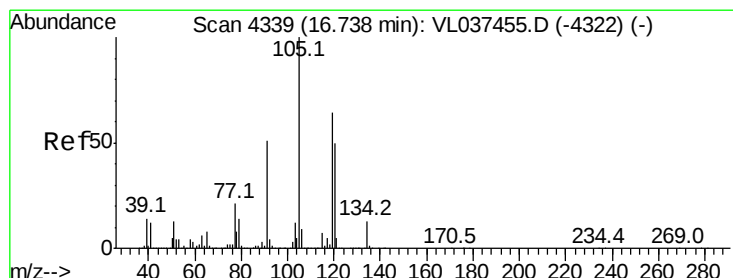
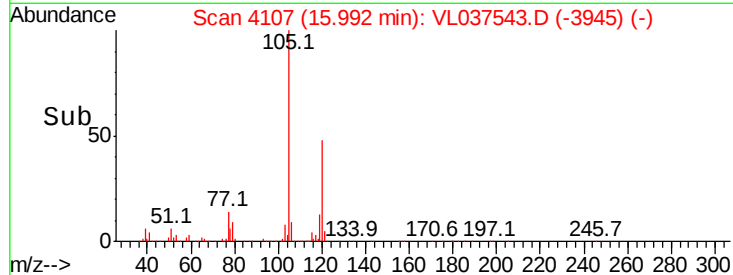
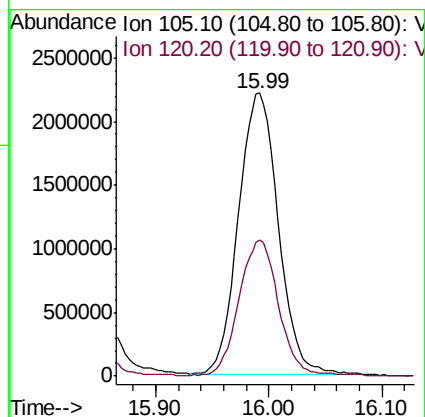
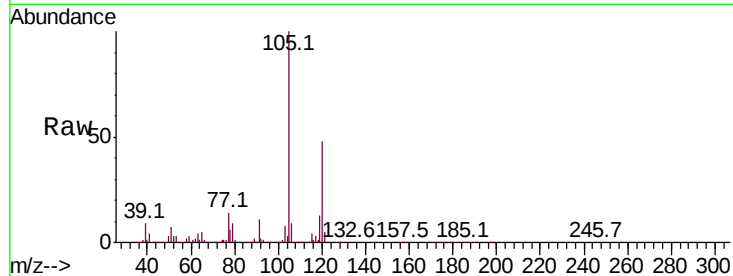




#73
 1,3,5-Trimethylbenzene
 Concen: 7.059 ppbv
 RT: 15.99 min Scan# 4107
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

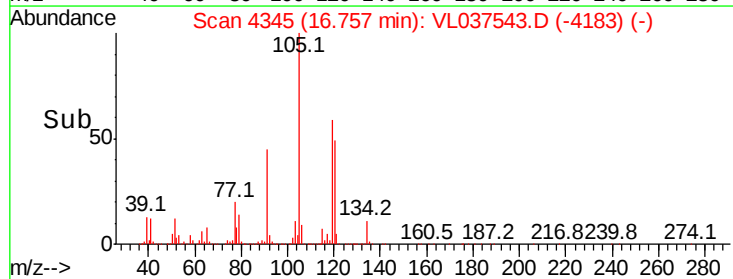
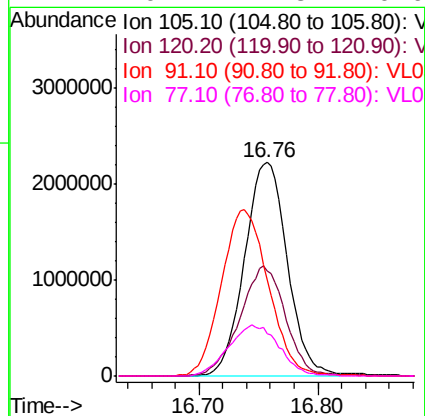
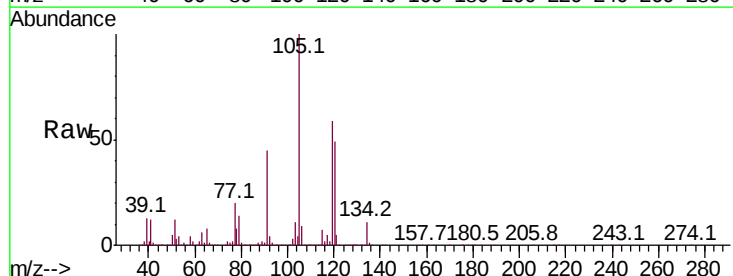
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

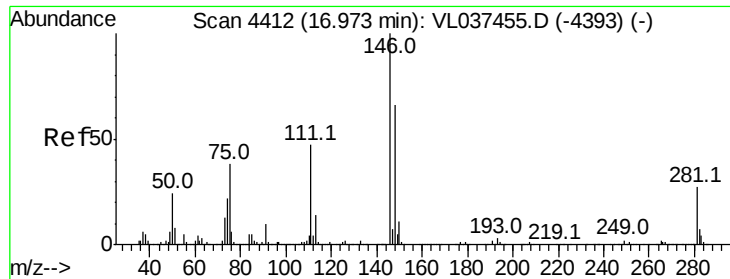
Tot Ion:105 Resp: 5371540
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.6 56.4



#74
 1,2,4-Trimethylbenzene
 Concen: 6.823 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Tgt Ion:105 Resp: 5516969
 Ion Ratio Lower Upper
 105 100
 120 49.0 40.4 60.6
 91 44.2 44.6 67.0#
 77 19.7 17.8 26.6

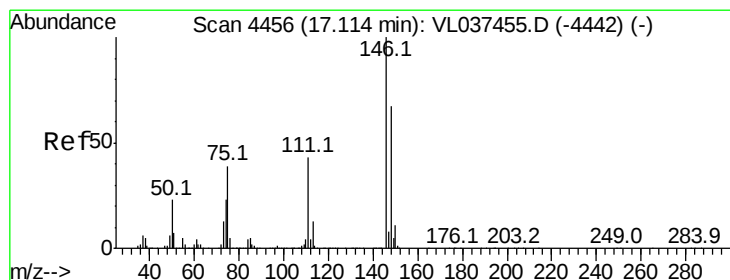
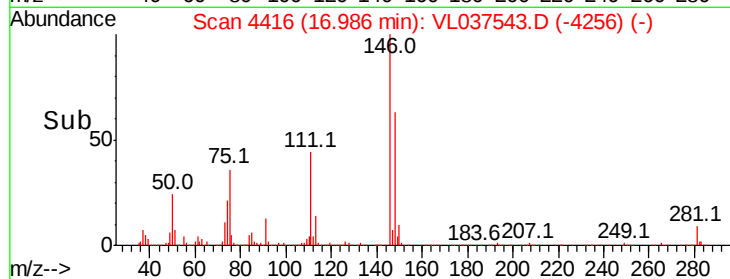
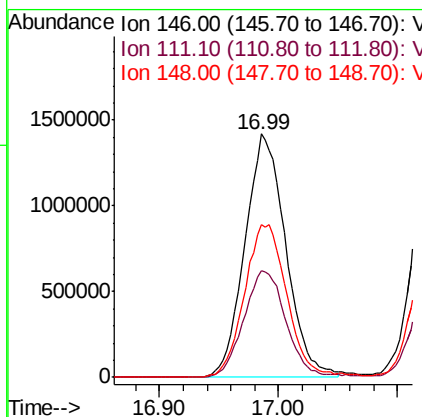
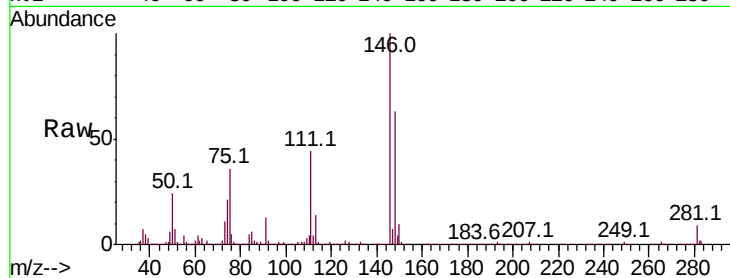




#75
 1,3-Dichlorobenzene
 Concen: 6.927 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T. 0.01 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

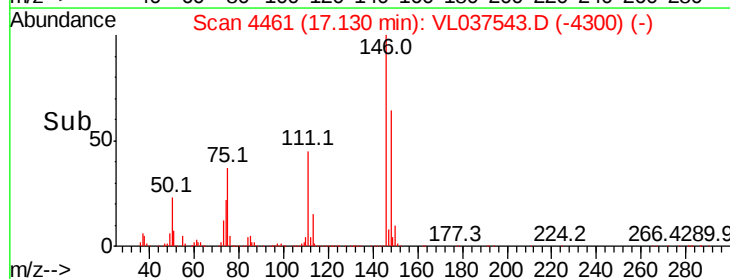
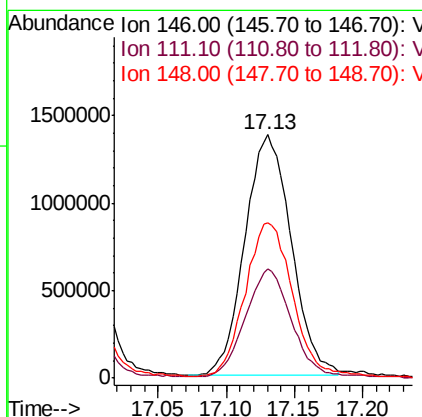
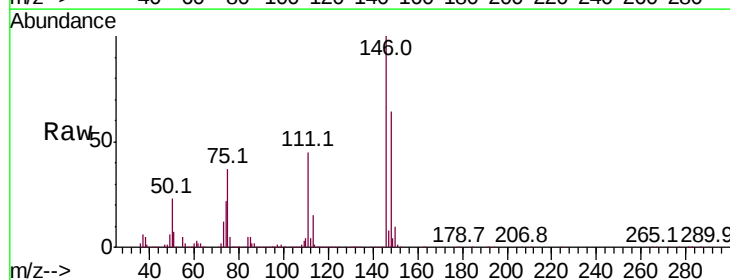
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

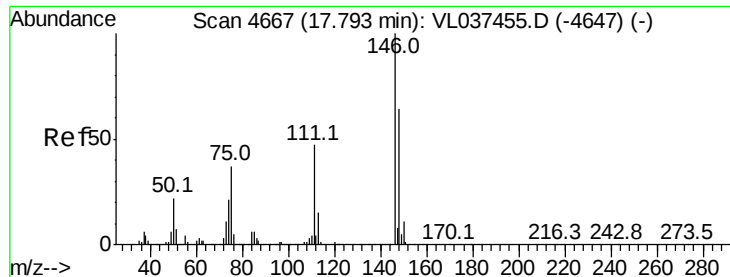
Tot Ion:146 Resp: 3371279
 Ion Ratio Lower Upper
 146 100
 111 45.4 23.4 70.0
 148 65.4 33.1 99.5



#76
 1,4-Dichlorobenzene
 Concen: 6.619 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Tgt Ion:146 Resp: 3245569
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.1 66.5
 148 67.5 32.4 97.0

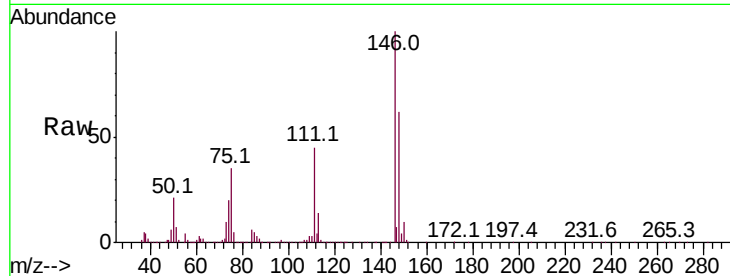




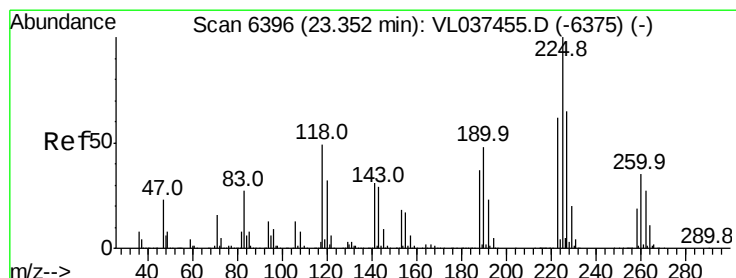
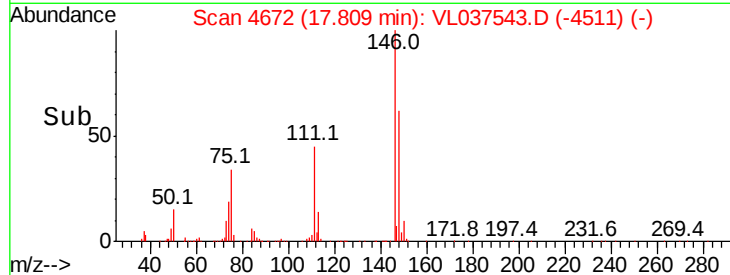
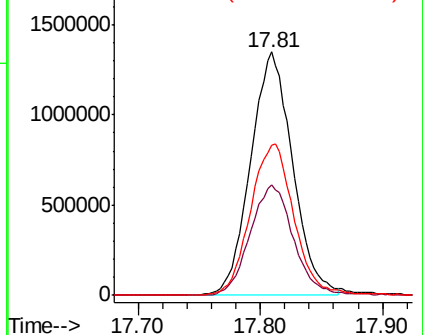
#77
 1,2-Dichlorobenzene
 Concen: 6.701 ppbv
 RT: 17.81 min Scan# 4672
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

Tot Ion:146 Resp: 3211666
 Ion Ratio Lower Upper
 146 100
 111 47.1 23.4 70.3
 148 64.6 32.5 97.5

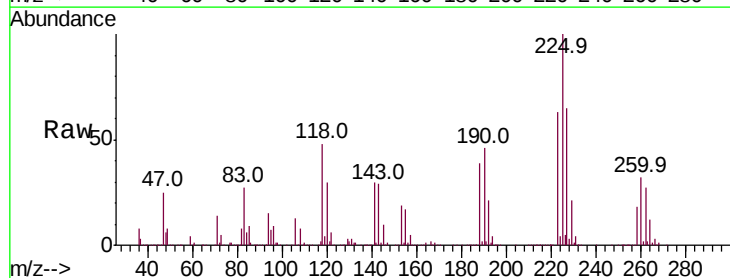


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

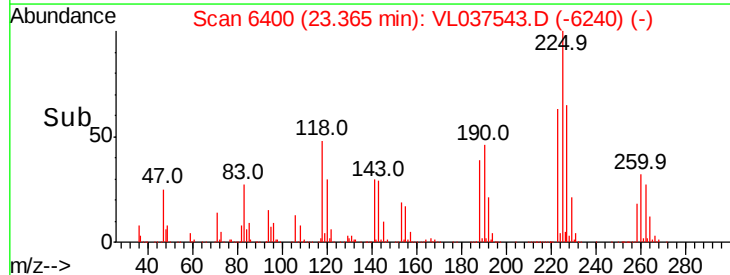
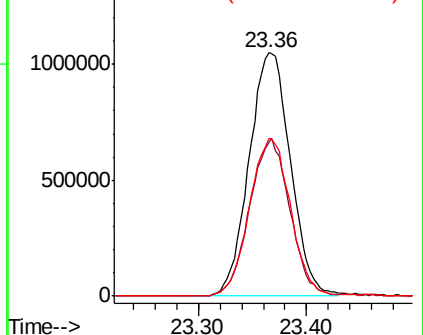


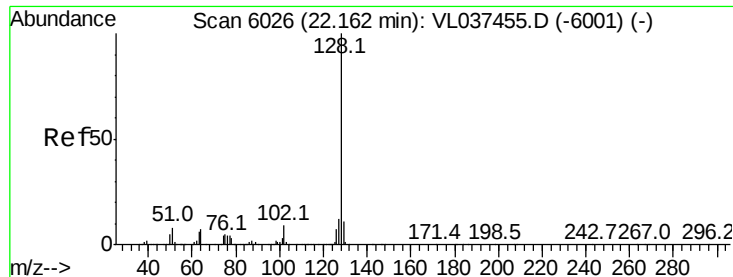
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.009 ppbv
 RT: 23.36 min Scan# 6400
 Delta R.T. 0.01 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Tgt Ion:225 Resp: 2793120
 Ion Ratio Lower Upper
 225 100
 223 63.6 51.4 77.0
 227 64.9 52.9 79.3



Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 9.419 ppbv

RT: 22.18 min Scan# 6033

Delta R.T. 0.02 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

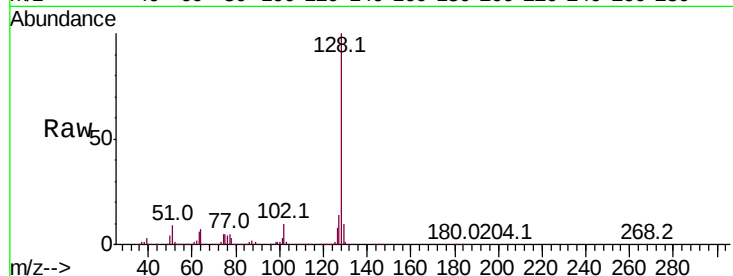
Tot Ion:128 Resp: 5097018

Ion Ratio Lower Upper

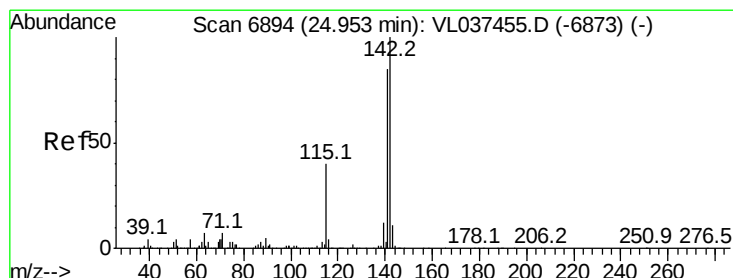
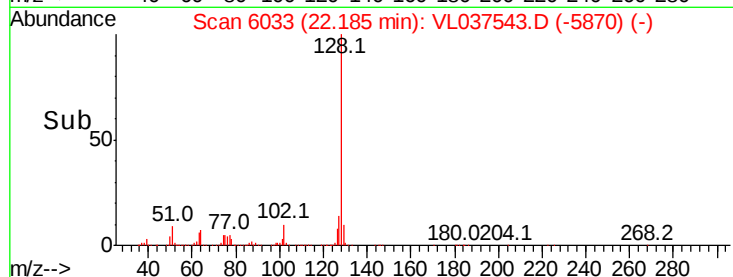
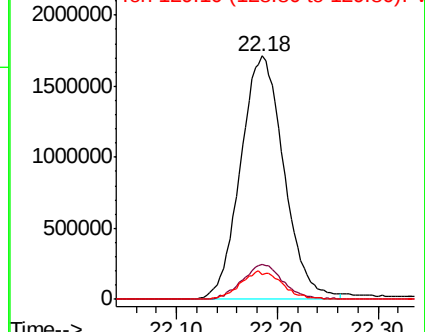
128 100

127 14.1 9.4 14.2

129 10.3 8.8 13.2



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 11.005 ppbv

RT: 24.96 min Scan# 6896

Delta R.T. 0.01 min

Lab File: VL037543.D

Acq: 7 Sep 2021 10:07

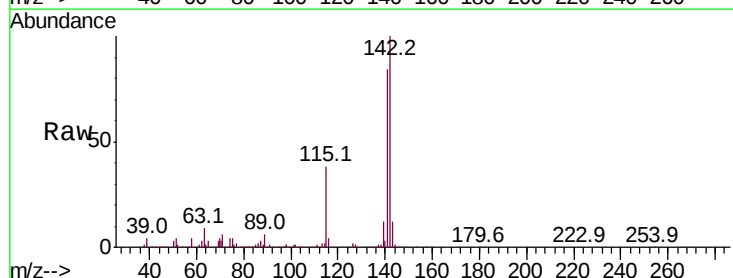
Tgt Ion:142 Resp: 1658965

Ion Ratio Lower Upper

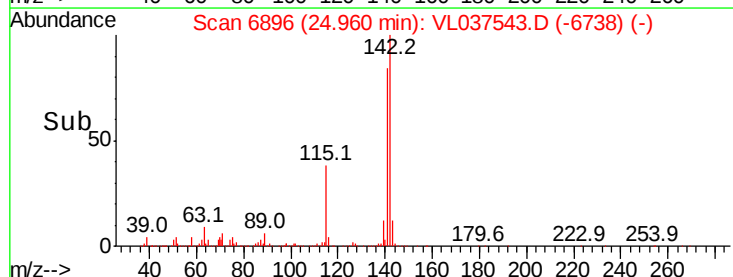
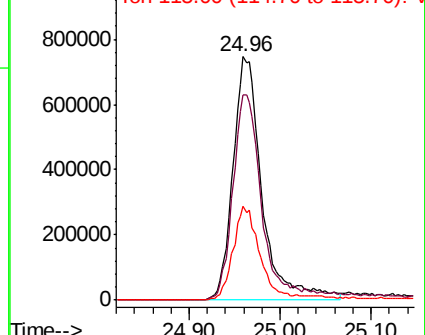
142 100

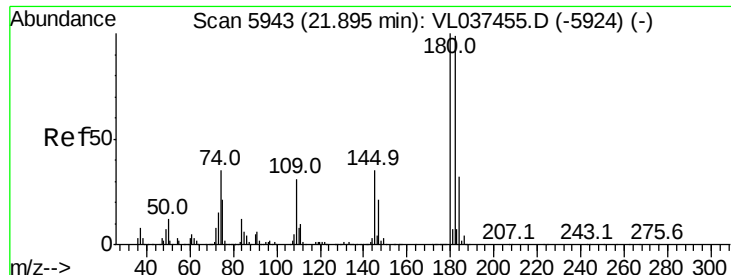
141 88.1 64.7 97.1

115 37.8 28.4 42.6



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

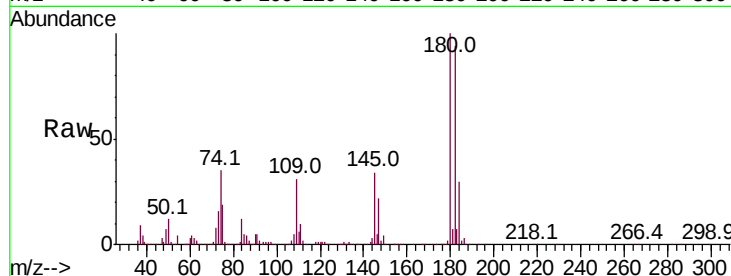




#81
 1,2,4-Trichlorobenzene
 Concen: 8.416 ppbv
 RT: 21.91 min Scan# 5949
 Delta R.T. 0.02 min
 Lab File: VL037543.D
 Acq: 7 Sep 2021 10:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABS01

Tot Ion:180 Resp: 2857838
 Ion Ratio Lower Upper
 180 100
 182 97.5 79.6 119.4
 184 31.5 25.4 38.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

